



No. 18  
1 MAY 2004



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Geospatial-Intelligence Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at  
<http://pollux.nss.nga.mil/>



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use [NavNotices@nga.mil](mailto:NavNotices@nga.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nga.mil](mailto:SDPUBS@nga.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nga.mil](mailto:webmaster_nss@nga.mil).

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
Jeremy Buxton	M/V EWA
Captain Avery Brott	Camden, ME

**Cover Photo:** The **USS FORD (FFG-54)** is the forty-eighth ship of the *Oliver Hazard Perry* Class of guided missile frigates. Her mission is to provide in-depth anti-air, anti-surface and anti-subsurface protection for military and merchant shipping and to ensure continuous use of the sea lanes for the Untied states and her allies. The combat systems aboard utilize a computer command and control system to integrate the ships sensors and weapons. Her weapons include surface-to-surface and surface-to-air missiles, a 76mm rapid fire gun, a close-in weapons system, anti-torpedoes and LAMPS MK III helicopter. The propulsion system is a computer controlled gas turbine power plant which utilizes jet engines. **FORD's** propulsion system can be "brought on line" in less than five minutes as compared to more than four hours for the conventional steam powered ships. Despite the advanced systems aboard, the heart of the ship is the crew. Each member has been highly trained in his particular area of expertise so that he can either operate, monitor or repair all shipboard systems. Skilled technicians and professional leadership make **USS FORD** a vital asset for the fleet in today's multi-threat environment.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

**NM 18/04**

# HYDROGRAM

**National Geospatial-Intelligence Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS  
NEW PRODUCTS  
OR SERVICES  
IMPORTANT  
CHANGES

**1 May 2004**

## **NEW EDITION OF COAST PILOT**

U.S. COAST PILOT 1, ATLANTIC COAST; EASTPORT, ME TO CAPE COD, MA, THIRTY-FOURTH EDITION, 2004, IS READY FOR ISSUE. SEE SECTIONS II AND III.

## **NEW EDITION OF COAST PILOT**

U.S. COAST PILOT 7, CALIFORNIA, OREGON, WASHINGTON, HAWAII AND PACIFIC ISLANDS, THIRTY-SIXTH EDITION, 2004, IS READY FOR ISSUE. SEE SECTIONS II AND III.

## **NEW EDITION OF LIST OF LIGHTS**

PUB. 114, 2004 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR THE BRITISH ISLES, ENGLISH CHANNEL AND NORTH SEA, IS READY FOR ISSUE. SEE SECTIONS II AND III.

## **NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY**

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NGA List of Lights.

**Section II-5** lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

<b>513</b> (INT 813) 6Ed. 2/23/91 LAST NM 50/03 Substitute Depth 33 meters "Rep (2001)" [I3.2] for 44 meters (NTM0006/2001)	18/04 52°14'N 176°08'E	(NOS)	Note: Range bearing unchanged (Previously published 15/04)
<b>1117A</b> Ed. 4/03 LAST NM 15/04 Add Submerged well (cov 34fms) [L20] (13/04 CG8)	18/04 27°11.8'N 96°46.2'W	(NOS)	<b>*11536</b> 17Ed. 2/04 NEW EDITION 18/04
<b>11004</b> 7Ed. 10/29/94 LAST NM 16/04 Add Submerged well (cov 62m) [L20] (13/04 CG8)	18/04 27°11.8'N 96°46.2'W	(NOS)	<b>*11537</b> 35Ed. 2/04 NEW EDITION 18/04
<b>*11300</b> 39Ed. 4/03 LAST NM 15/04 Add Submerged well (cov 34fms) [L20] (13/04 CG8)	18/04 27°11.8'N 96°46.2'W	(NOS)	<b>*11544</b> 38Ed. 2/04 NEW EDITION 18/04
<b>*11321</b> 29Ed. 12/15/01 LAST NM 14/04 Delete Submerged well (cov 70ft) and buoy (13/04 CG8)	18/04 28°39'33"N 95°13'14"W	(NOS)	<b>*11555</b> 39Ed. 2/04 NEW EDITION 18/04
<b>*11341</b> 40Ed. 3/04 NEW EDITION Add Tabulation of controlling depths from Subsection I-2 (NOS)	18/04	(NOS)	<b>*12207</b> 21Ed. 3/04 NEW EDITION 18/04
<b>*11370</b> 24Ed. 7/03 LAST NM 13/04 <b>(Side B)</b> Change Range light, front to FG Range light, rear to FG (13/04 CG8)	18/04 30°10'36.2"N 91°08'10.4"W 30°10'32.5"N 91°08'14.4"W	(NOS)	<b>*13212</b> 36Ed. 3/04 NEW EDITION 18/04
<b>*11382</b> 40Ed. 2/04 NEW EDITION (NOS)	18/04	(NOS)	<b>*13213</b> 41Ed. 3/04 NEW EDITION 18/04
<b>*11388</b> 17Ed. 2/04 NEW EDITION (NOS)	18/04	(NOS)	<b>*13272</b> 48Ed. 2/04 NEW EDITION 18/04
<b>*11412</b> 42Ed. 2/04 NEW EDITION Delete WHIS from buoy "13" (Previously published 13/04)	18/04 27°36'35"N 82°48'43"W	(NOS)	<b>*14785</b> 17Ed. 2/04 NEW EDITION 18/04
Delete BELL from buoy "16" (Previously published 14/04)	27°36'38"N 82°47'00"W	(NOS; USCG LL)	<b>*14833</b> 26Ed. 2/04 NEW EDITION 18/04
Delete BELL from buoy "12" (Previously published 15/04)	27°36'18"N 82°50'25"W	(NOS)	<b>*14843</b> 23Ed. 2/04 NEW EDITION 18/04
Add Light Fl(4) 30s 110ft 19M (Priv) Dangerous wreck [K28] (Previously published 15/04)	28°10'02"N 82°50'44"W 27°39'00"N 82°53'00"W	(NOS)	Change Legend to "SOUNDINGS IN FEET" in right upper and left lower margins of chart
Change Range light, rear to Iso 6s 62ft, Fl 4s 23ft 5M Light to Fl 15s 85ft 24M, Oc(4) 30s 85ft 10M (Previously published 16/04)	27°45'04"N 82°34'20"W 27°36'03"N 82°45'38"W	(NOS)	<b>*14844</b> 32Ed. 2/04 NEW EDITION 18/04
Delete Light symbol Legend "PA"	27°40'33"N 82°45'13"W 27°38'05"N 82°40'12"W	(NOS; USCG LL)	Change Characteristic of light to Fl FI
Change Light to Fl 4s 16ft 5M (NOS; USCG LL)	27°35'54"N 82°45'26"W	(NOS)	<b>*14964</b> 21Ed. 3/04 NEW EDITION 18/04
<b>*11502</b> 29Ed. 2/04 NEW EDITION Relocate Light "249" from 31°08'21"N 81°25'14"W to 31°08'15"N 81°24'58"W (Previously published 16/04) (NOS)	18/04	(NOS)	<b>*16086</b> 7Ed. 3/04 NEW EDITION 18/04
<b>*11524</b> 47Ed. 2/04 NEW EDITION Relocate Range light, rear from 32°46'10.2"N 79°51'46.6"W to 32°46'10.7"N 79°51'43.7"W (Previously published 15/04)	18/04 32°46'10.2"N 79°51'46.6"W	(NOS)	<b>*16474</b> 8Ed. 2/04 NEW EDITION 18/04
Add Range line (dashed) extending in 074°12' direction from above rear light to 32°46'10.2"N 79°51'46.6"W	(NOS)	(NOS)	Change Legend to "Azamis Cove"
			<b>*16547</b> 9Ed. 3/04 NEW EDITION 18/04
			Change Legend to "Pavlof Harbor"
			51°49'05"N 176°06'00"W
			54°27'06"N 162°42'12"W
			<b>16580</b> 12Ed. 11/03 LAST NM 9/04 Substitute Depth 4½ fathoms "Rep (2004)" for 11 fathoms (NOS)
			56°59.8'N 153°25.7'W
			<b>*16592</b> 9Ed. 9/1/90 LAST NM 1/04 Substitute Depth 4½ fathoms "Rep (2004)" for 11 fathoms (NOS)
			56°59'45"N 153°25'43"W

## SECTION I

★17317	20Ed. 3/04 (NOS)	NEW EDITION	18/04	★18763	10Ed. 2/04 Delete Buoy	NEW EDITION	18/04
★17385	14Ed. 2/03 Change (NOS)	LAST NM 16/04 Legend to "Corrected through LNM Jan. 28/03" in left lower margin of chart	18/04	Change (NOS; NTM0022/2003)	"SOUNDINGS IN FATHOMS AT MEAN LOWER LOW WATER" 32°57'20.0"N 118°37'44.0"W		
17386	3Ed. 5/12/01 Add Note	LAST NM 16/04 "NOTE NOAA WEATHER RADIO BROADCASTS The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.  Mt. McArthur, AK KZZ-95 162.525 MHz Sukkwan I, AK KZZ-89 162.425 MHz Cape Fanshaw, AK KZZ-88 162.425 MHz Zaremba I, AK KZZ-91 162.450 MHz"	18/04	★19004	37Ed. 1/04 Delete Buoy (FAD) "HK" (Previously published 12/04)	18/04	19°58.5'N 154°58.8'W
				Change (NOS)	Visibility (range) of light to 8M (Previously published 12/04)		21°52.1'N 159°26.7'W
				Change (NOS)	Light to Fl 10s 174ft 23M (Previously published 16/04)		22°13.9'N 159°24.1'W
★17401	11Ed. 2/04 (NOS)	NEW EDITION	18/04	★19010	18Ed. 3/04 (NOS)	NEW EDITION	18/04
★17405	14Ed. 10/28/00 Delete	LAST NM 16/04 Light symbol	18/04	★19013	17Ed. 2/04 Change	NEW EDITION Light to Fl 10s 174ft 23M (Previously published 16/04)	18/04
		55°28'54.0"N 133°08'42.0"W		Delete (NOS)	Legend "Y...Priv"		22°13.9'N 159°24.1'W
		Note: Legend remains					21°09.0'N 156°08.5'W
	Add	Light symbol	55°28'52.2"N 133°08'37.0"W	21602	1Ed. 3/20/99 (Panel B)	LAST NM 28/02	18/04
		Light symbol	55°28'51.9"N 133°08'40.0"W	Add	Legend "Bridge under construction (2004)" (14(1528)04 Taunton)		9°01'42"N 79°38'00"W
		Light symbol	55°28'51.4"N 133°08'42.8"W	22121	9Ed. 3/2/96 (Plan)	LAST NM 51/03	18/04
	Delete	(Inset Shelter Cove) Light and legend "3 Fl R 4s 13ft Priv"	55°28'54.0"N 133°08'42.0"W	Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 (Peru CH 1126)		4°34'00"S 81°17'00"W
	Add	Light Fl R 4s 13ft (Priv)	55°28'52.2"N 133°08'37.0"W	25575	4Ed. 6/10/95 Add	LAST NM 15/04 Dangerous submerged rock [K13]	18/04
		Light Fl R 4s 13ft (Priv)	55°28'51.9"N 133°08'40.0"W			17°07'33"N 61°42'09"W	
		Light Fl R 4s 13ft (Priv)	55°28'51.4"N 133°08'42.8"W			17°10'28"N 61°45'00"W	
		(11/04 CG17)				Buoy G, spar, QG	17°07'49"N 61°52'22"W
						Buoy R, conical, QR	17°07'43"N 61°52'24"W
						(See 14/04-25575)	
★18427	22Ed. 2/04 (NOS)	NEW EDITION	18/04				
★18450	18Ed. 2/04 Delete	NEW EDITION Light (FR 15ft 2M)	18/04				
		(NOS; 49/03 CG13)					
★18465	36Ed. 1/04 Add	NEW EDITION Wreck [K29] (Previously published 17/04)	18/04				
★18476	5Ed. 2/04 Delete	NEW EDITION Light "A" (Previously published 13/04)	18/04				
	Delete	Legend "[Fl Y...Navy"]	47°46'00"N 122°42'00"W				
		Legend "[Fl R...Navy"]	47°45'58"N 122°39'00"W				
		(NOS)					
★18484	11Ed. 2/04 Delete	NEW EDITION Dotted-line circle and legend "Subm buoy"	18/04	35400	11Ed. 6/28/97 Delete	LAST NM 30/02 BELL from buoy	18/04
		48°22'10.0"N 124°36'21.5"W (Previously published 17/04)					51°40.1'N 8°29.7'W
	Relocate	Light "4" from 48°22'31.6"N to 48°22'29.6"N	124°36'01.5"W 124°36'01.3"W	35420	13Ed. 5/10/97 Delete	LAST NM 12/04 BELL from buoy	18/04
		(NOS; 34/02 CG13)					51°40.1'N 8°29.7'W
★18551	8Ed. 2/04 (NOS)	NEW EDITION	18/04	35424	3Ed. 9/27/97 Delete	LAST NM 30/02 BELL from buoy	18/04
							51°40'08"N 8°29'44"W

## SECTION I

**NM 18/04**

<b>P 37034</b>	2Ed. 9/12/98 LAST NM 15/04	18/04	<b>44038</b>	5Ed. 11/2/96 LAST NM 46/03	18/04
Delete	Purple heavy dashed line (outside limit of traffic lane) joining		Add	Position circle "Windmotor (R Lts)" [E26] (45(294)03 Kobenhavn)	57°02'20.6"N 10°04'31.8"E
		42°52.9'N 9°59.0'W 43°14.7'N 9°59.0'W 43°25.6'N 9°51.3'W			
	Open-outlined arrow symbol	43°02.0'N 9°56.8'W	<b>44049</b>	9Ed. 6/15/96 LAST NM 12/04	18/04
	Open-outlined arrow symbol	43°21.0'N 9°51.8'W	Add	Light FR Light FG (See 1/01-44049) (42(1462)03 Norrkoping)	55°31'22"N 12°53'24"E 55°31'20"N 12°53'22"E
Add	Purple tint area (traffic separation zone) bound by limit joining	42°52.8'N 10°08.4'W 43°17.5'N 10°08.4'W 43°29.4'N 9°59.8'W 43°30.0'N 10°01.3'W 43°17.7'N 10°09.8'W 42°52.8'N 10°09.8'W	<b>44165</b>	1Ed. 10/6/90 LAST NM 15/04	18/04
	Purple tint area (traffic separation zone) bound by limit joining	42°52.8'N 9°59.0'W 43°14.6'N 9°59.0'W 43°26.3'N 9°50.2'W 43°27.1'N 9°56.0'W 43°16.4'N 10°04.4'W 42°52.8'N 10°04.4'W	Change	Visibility (range) of light to 12-8M with sectors green 138°-275°30', white-279°, red-296° (49(1568)03 Norrkoping; Swd LL)	58°40'07"N 17°16'51"E
	Purple heavy dashed line (outside limit of traffic lane) joining	42°52.8'N 10°13.8'W 43°18.8'N 10°13.8'W 43°31.3'N 10°05.6'W	<b>44178</b>	2Ed. 4/13/96 LAST NM 16/04	18/04
	Open-outlined arrow indicating flow of traffic [M10] oriented 000°	43°02.0'N 9°56.8'W	Change	Sectors of light between 005° and 084° to green 005°-043°12', green (intensified)-044°30', white (intensified)-046°30', red (intensified)-049°42', red-084° (46(1526)03 Norrkoping)	59°00'11"N 18°15'28"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 028°	43°21.0'N 9°52.0'W			
	Open-outlined arrow indicating flow of traffic [M10] oriented 208°	43°24.0'N 10°01.0'W			
	Open-outlined arrow indicating flow of traffic [M10] oriented 180°	43°02.0'N 10°06.3'W			
	Open-outlined arrow indicating flow of traffic [M10] oriented 208°	43°24.3'N 10°07.5'W			
	Open-outlined arrow indicating flow of traffic [M10] oriented 180°	43°02.0'N 10°11.8'W			
	Note: The above Traffic Separation Scheme has been adopted by IMO and will become effective at 0001 GMT on 1 June 2004				
	(9(82)04 Cadiz)				
<b>37221</b>	13Ed. 2/3/96 LAST NM 16/04	18/04	<b>44179</b>	2Ed. 5/25/96 LAST NM 14/04	18/04
Relocate	Buoy "A1" from 53°46.0'N 7°23.4'E to 53°46.1'N 7°24.4'E		Change	Sectors of light between 005° and 084° to green 005°-043°12', green (intensified)-044°30', white (intensified)-046°30', red (intensified)-049°42', red-084° (46(1526)03 Norrkoping)	59°00'11"N 18°15'28"E
	Buoy "Accumer Ee" from 53°46.7'N 7°25.0'E to 53°46.6'N 7°23.2'E				
	(46(21)03 Hamburg)				
<b>44001</b>	2Ed. 10/19/96 LAST NM 11/04	18/04	<b>44182</b>	4Ed. 5/28/94 LAST NM 15/04	18/04
Delete	Submarine cable between	58°23.5'N 19°10.7'E 57°53.3'N 18°50.7'E	Delete	Submarine cable between	59°19'56.9"N 17°59'46.3"E 59°19'58.5"N 17°59'31.0"E
	Disused submarine cable between	58°23.3'N 19°10.9'E 57°58.9'N 19°08.8'E		Submarine cable between	59°19'57.7"N 17°59'29.5"E 59°19'56.2"N 17°59'45.3"E
	Submarine cable between	57°25.5'N 18°54.9'E 57°26.5'N 18°57.6'E		Submarine cable between	59°18'51.6"N 18°01'53.9"E 59°18'47.8"N 18°01'47.2"E
	Submarine cable (power) between	58°20.3'N 19°17.1'E 58°05.0'N 19°18.5'E		Submarine cable between	59°20'02.8"N 17°59'50.6"E 59°20'03.1"N 17°59'37.1"E
Add	Submarine cable (power) [L31.1] joining	58°20.4'N 19°17.7'E 58°18.2'N 19°19.8'E 58°17.0'N 19°20.4'E 58°09.4'N 19°20.4'E 58°05.0'N 19°18.5'E		(49(1572)03 Norrkoping)	
	(42(1467), 49(1574)03 Norrkoping)				
<b>44015</b>	8Ed. 7/22/95 LAST NM 11/04	18/04	<b>44185</b>	7Ed. 3/23/96 LAST NM 14/04	18/04
Delete	Submarine cable between	58°23.5'N 19°10.7'E 57°53.3'N 18°50.7'E	Add	Light Fl(3) WRG 9s 7-4M with sectors red 238°30'-242°, green-248°30', white-250°, red-256°, green-268°30' (49(1579)03 Norrkoping; BA LL)	59°15'29.0"N 18°53'47.3"E
	Submarine cable between	58°23.3'N 19°10.9'E 57°58.9'N 19°08.8'E			
	Submarine cable (power) between	58°20.3'N 19°17.1'E 58°05.0'N 19°18.5'E			
Add	Submarine cable (power) [L31.1] joining	58°20.4'N 19°17.7'E 58°18.2'N 19°19.8'E 58°17.0'N 19°20.4'E 58°09.4'N 19°20.4'E 58°05.0'N 19°18.5'E			
	(42(1467), 49(1574)03 Norrkoping)				
<b>44340</b>	11Ed. 8/10/96 LAST NM 12/04	18/04	<b>44341</b>	7Ed. 10/17/98 LAST NM 52/03	18/04
Add	Depth 5.9 meters	(35-36(853)01 Helsinki)	Add	Depth 0.7 meter Rk [K14.2]	60°09'53"N 24°50'16"E
				Depth 0.7 meter Rk [K14.2]	60°13'38"N 24°16'14"E
				(29(632), 633)02 Helsinki)	
<b>44342</b>	8Ed. 4/27/96 LAST NM 52/03	18/04	<b>44400</b>	4Ed. 9/7/96 LAST NM 16/04	18/04
Add	Depth 0.7 meter Rk [K14.2]	(29(632)02 Helsinki)	Change	Light to range light, front Oc WRG 4s 14m 7-2M and sectors to white 276°30'-006°30', obsc.-015°, green-024°, white-30°, red-039°	60°09'53.4"N 24°50'15.6"E
					58°12.8'N 22°30.4'E
			Add	Range light, rear Oc 4s 33m 10M	58°13.1'N 22°29.9'E
				Range line extending 141°30' from above rear light dashed for 722 meters, thence solid for 4000 meters	
				(1(11, 12)04 Tallinn)	

## SECTION I

<b>44410</b>	4Ed. 2/8/97 LAST NM 16/04 Delete Submarine cable between	18/04 58°23.5'N 19°10.7'E 57°53.3'N 18°50.7'E	<b>56065</b>	3Ed. 5/18/96 LAST NM 8/04 Substitute Note from Subsection I-2 for same (4/04 Haifa)	18/04 32°01'48"N 34°53'48"E
	Submarine cable between	58°23.3'N 19°10.9'E 57°58.9'N 19°08.8'E	<b>62490</b>	2Ed. 3/1/03 LAST NM 15/04 Add Depth 13.8 meters Wk [K26] (NTM0005/2004)	18/04 29°22.6'N 49°07.6'E
	Submarine cable between	58°20.3'N 19°17.1'E 57°59.0'N 19°19.0'E	<b>62540</b>	6Ed. 1/26/02 LAST NM 15/04 Add Depth 13.8 meters Wk [K26] (NTM0005/2004)	18/04 29°22.6'N 49°07.6'E
Add	Submarine cable (power) [L31.1] joining	58°20.4'N 19°17.7'E 58°18.2'N 19°19.8'E 58°17.0'N 19°20.4'E 58°09.4'N 19°20.4'E 58°05.5'N 19°19.3'E 58°01.4'N 19°19.3'E 57°53.3'N 18°50.7'E	<b>62541</b>	3Ed. 1/26/02 LAST NM N15/04 Add Depth 13.8 meters Wk [K26] (NTM0005/2004)	N18/04 29°22.6'N 49°07.6'E
	(42(1467), 49(1574)03 Norrkoping)		<b>62570</b>	4Ed. 1/26/02 LAST NM 15/04 Add Depth 13.8 meters Wk [K26] (NTM0005/2004)	18/04 29°22'34"N 49°07'38"E
<b>P 51100</b>	7Ed. 10/22/94 LAST NM 10/04 Delete Purple heavy dashed line (outside limit of traffic lane) between	18/04 42°52.9'N 9°59.4'W 43°11.0'N 9°59.4'W	<b>62590</b>	2Ed. 5/29/99 LAST NM 15/04 Add Depth 13.8 meters Wk [K26] (NTM0005/2004)	18/04 29°22'34"N 49°07'38"E
	Open-outlined arrow symbol	43°00.0'N 9°57.1'W	<b>62591</b>	3Ed. 5/29/99 LAST NM N15/04 Add Depth 13.8 meters Wk [K26] (NTM0005/2004)	N18/04 29°22'34"N 49°07'38"E
Add	Purple tint area (traffic separation zone) bound by limit joining	42°52.9'N 10°08.4'W 43°11.0'N 10°08.4'W 43°11.0'N 10°09.9'W 42°52.9'N 10°09.9'W	<b>73552</b>	4Ed. 4/3/99 LAST NM 38/03 Delete Depth 16.2 meters	18/04 9°53'18"S 143°13'06"E
	Purple tint area (traffic separation zone) bound by limit joining	42°52.9'N 09°59.0'W 43°11.0'N 09°59.0'W 43°11.0'N 10°04.4'W 42°52.9'N 10°04.4'W		Add Beacon R, can topmark, Fl R 2 1/2s 7m 6M	9°53'48"S 143°13'04"E
	Purple heavy dashed line (outside limit of traffic lane) between	42°52.9'N 10°13.7'W 43°11.9'N 10°13.7'W		(26(876)03 Wollongong)	
	Open-outlined arrow indicating flow of traffic [M10] oriented 000°	43°01.0'N 9°57.1'W	<b>74290</b>	11Ed. 9/6/97 LAST NM 15/04 Delete Depth 16.2 meters (See 50/03-74290)	18/04 9°53.2'S 143°13.1'E
	Open-outlined arrow indicating flow of traffic [M10] oriented 180°	43°01.0'N 10°06.5'W		Add Beacon R, can topmark, Fl R 2 1/2s 7m 6M	9°53.8'S 143°13.1'E
	Open-outlined arrow indicating flow of traffic [M10] oriented 180°	43°01.0'N 10°12.0'W		(26(876)03 Wollongong)	
	Note: The above Traffic Separation Scheme has been adopted by IMO and will become effective at 0001 GMT on 1 June 2004		<b>74293</b>	7Ed. 7/26/97 LAST NM 16/03 Add Beacon R, can topmark, Fl R 2 1/2s 7m 6M	18/04 9°53'48"S 143°13'04"E
	(9(82)04 Cadiz)			(26(876)03 Wollongong)	
<b>55046</b>	4Ed. 11/30/96 LAST NM 17/04 Add Light Fl(2) G 6M, Fl(2) R 6M (4(15)03 Istanbul)	18/04 40°58'26"N 29°02'04"E	<b>93680</b>	3Ed. 9/23/95 LAST NM 24/03 Delete "Pilot and Quarantine Anchorage" area in vicinity (24(477)03 Tianjin)	18/04 19°07.1'N 108°35.8'E
<b>55047</b>	8Ed. 9/16/00 LAST NM 15/04 Add Light Fl(2) G 10s 6M Light Fl(2) R 10s 6M (4(15)03 Istanbul)	18/04 40°58'26.4"N 29°02'03.6"E 40°58'25.8"N 29°02'07.2"E	<b>93688</b>	3Ed. 7/28/90 LAST NM N27/98 Delete "Pilot and Quarantine Anchorage" area in vicinity (Plan) (24(477)03 Tianjin)	N18/04 19°07'07"N 108°35'45"E 19°07'07"N 108°35'45"E
<b>56060</b>	9Ed. 4/12/03 LAST NM 38/03 Change Caution No. 2 of CAUTIONS note to "2. All vessels bound for any Israeli port are advised to approach the coast via the charted recommended routes. All vessels along the Israeli coast must follow the recommended coastal route. All vessels within Israeli territorial waters are advised not to exceed a maximum speed of 15 knots." (4/04 Haifa)	18/04 31°13.0'N 34°40.0'E	<b>94040</b>	13Ed. 10/4/97 LAST NM 13/04 Add Light Fl(2) 6s 54m 15M Light Fl(2) 6s 24m 10M Racon (49(910)02, 4(89)04 Tianjin; BA LL)	18/04 23°32.5'N 117°03.7'E 23°47.0'N 117°44.0'E
<b>56064</b>	6Ed. 9/25/99 LAST NM 8/04 (Plan) Change Note No. 1 of NOTES to "1. All vessels bound for any Israeli port are advised to approach the coast via the charted recommended routes. All vessels along the Israeli coast must follow the recommended coastal route. All vessels within Israeli territorial waters are advised not to exceed a maximum speed of 15 knots." (4/04 Haifa)	18/04 32°49'00.0"N 35°04'30.0"E	<b>94060</b>	10Ed. 5/18/96 LAST NM 13/04 Delete Buoy	18/04 24°11.4'N 118°05.5'E
				Add Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3]	24°11.2'N 118°05.8'E
				Light Fl(2) 6s 24m 10M Racon (4(84, 89)04 Tianjin; BA LL)	23°47.0'N 117°44.0'E

## SECTION I

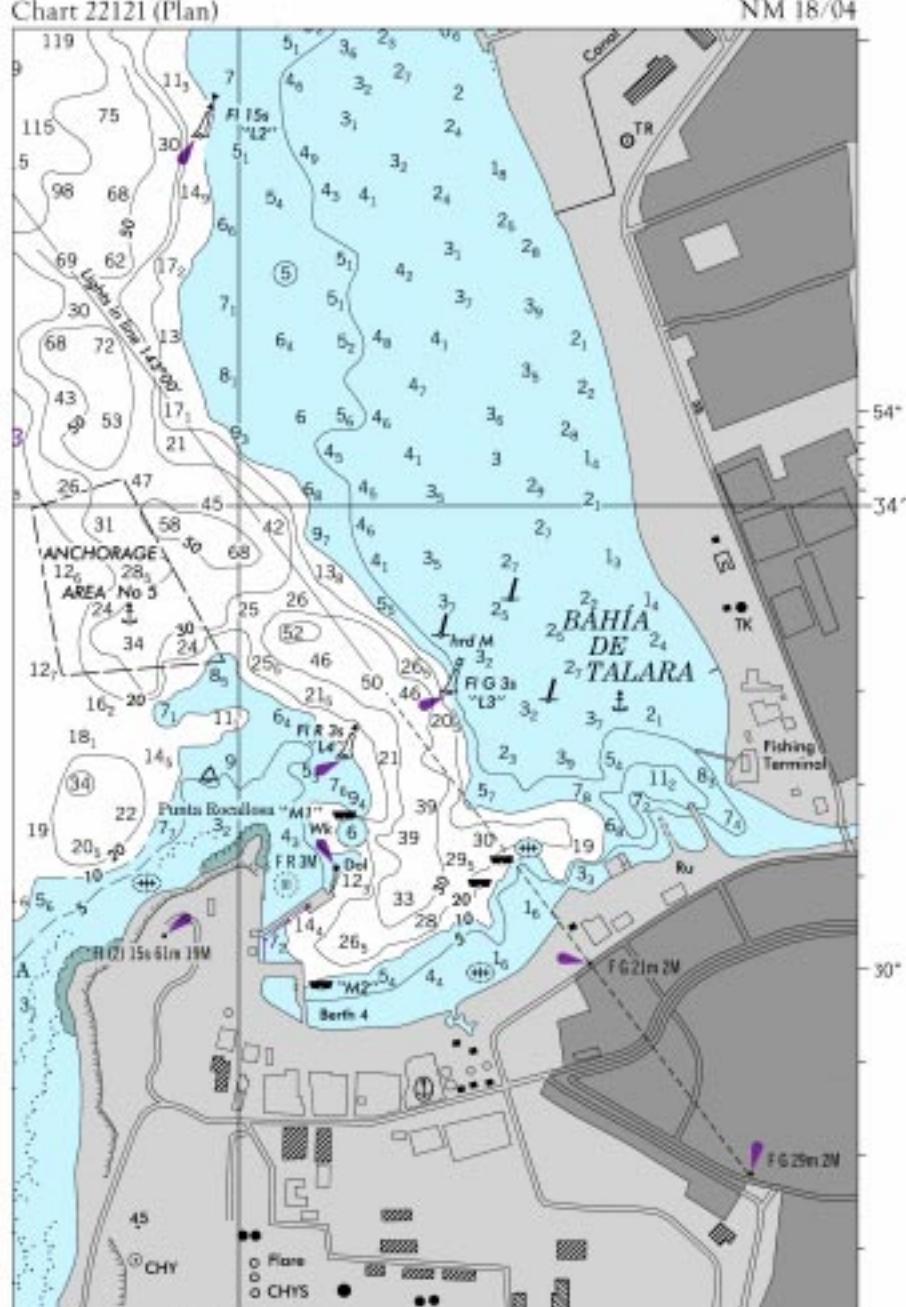
**NM 18/04**

<b>94061</b>	5Ed. 4/27/96	LAST NM 13/04	18/04	
Delete	Buoy	24°11'24"N 118°05'18"E		Chartlet B, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 34°38'30.0"N 135°12'45.0"E
Add	Light Fl(2) 6s 21m 7M Light Fl 4s 13m 7M	24°21'25"N 118°05'52"E 24°20'14"N 118°07'23"E		Chartlet C, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 34°38'30.0"N 135°14'30.0"E
	Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3]	24°11'14"N 118°05'50"E		(Jpn CH W101A; 48(1650)02, 20(737), 41(1535)03, 10(258)04 Tokyo)
(49(908, 909)02, 4(84)04 Tianjin; BA LL)				
<b>94165</b>	4Ed. 11/30/96	LAST NM 13/04	18/04	
Add	Depth 4.2 meters, blue tint and enclosing depth contour (5-meter) centered	25°58'49.0"N 119°27'49.2"E		
	(See 20/02-94165)			
(49(1076)03 Tianjin)				
<b>94180</b>	9Ed. 10/28/95	LAST NM 17/04	18/04	
Add	Beacon BRB, double ball topmark, Fl(2) 5s 13m 7M [Q130.4]	28°04.8"N 121°08.5"E		
(456)03 Tianjin; BA LL)				
<b>94187</b>	3Ed. 4/20/96	LAST NM 12/04	18/04	
Add	Beacon Fl 3s 12m 7M	28°00'14.9"N 120°47'27.2"E		
(457)03 Tianjin)				
<b>94206</b>	3Ed. 3/8/86	LAST NM 44/03	18/04	
Add	Buoy "CW1" GRG, pillar, cone topmark, Fl(2+1) G 6s	30°38'24"N 121°21'29"E		
	Buoy "CW2" RGR, pillar, can topmark, Fl(2+1) R 6s	30°40'00"N 121°23'20"E		
	Buoy "CW3" GRG, pillar, cone topmark, Fl(2+1) G 9s	30°39'37"N 121°25'55"E		
	Buoy "CW4" RGR, pillar, can topmark, Fl(2+1) R 9s	30°41'04"N 121°27'08"E		
	Buoy "CW5" GRG, pillar, cone topmark, Fl(2+1) G 12s	30°44'53"N 121°29'14"E		
	Buoy "CW12" Y, pillar, "X" topmark, Mo(Q) Y 15s [Q130.6]	30°42'38"N 121°24'29"E		
	Light Fl(3) 10s 105m 10M Racon	30°41'30"N 121°25'09"E		
(49(1077, 1079)03 Tianjin)				
<b>94220</b>	4Ed. 9/23/95	LAST NM 5/04	18/04	
Add	Light Fl(3) 10s 105m 10M Racon	30°41.5"N 121°25.2"E		
(49(1077)03 Tianjin; BA LL)				
<b>94380</b>	4Ed. 9/2/95	LAST NM N18/03	N18/04	
Substitute	Buoy "2" G, cone topmark, Fl(2) G 6s for beacon	40°43'31"N 121°03'26"E		
Change	Light to Fl 4s 15m 6M	40°47'47"N 121°03'57"E		
	Height of light to 24m	40°47'54"N 121°04'36"E		
	Height of light to 28m	40°47'55"N 121°04'39"E		
	(See N5/99, N18/03-94380)			
(16(279, 280)03 Tianjin)				
<b>97220</b>	3Ed. 12/30/95	LAST NM 6/04	18/04	
Delete	Purple dashed line in vicinity	34°40'31.0"N 135°11'55.0"E		
Add	Chartlet A, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 34°38'33.0"N 135°12'36.0"E			
	Chartlet B, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 34°38'33.0"N 135°16'00.0"E			
(Jpn CH W1103; 48(1650)02, 20(737), 41(1535), 44(1650)03, 10(258)04 Tokyo)				
<b>97221</b>	20Ed. 1/17/98	LAST NM 17/04	18/04	
Add	Chartlet, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 34°38'30"N 135°14'00"E			
(Jpn CH W106; 48(1650)02, 44(1650)03, 10(258)04 Tokyo)				
<b>97229</b>	12Ed. 7/4/98	LAST NM 33/03	18/04	
Delete	"Passage 2" area in vicinity	34°39'24.0"N 135°12'06.0"E		
Add	Chartlet A, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 34°39'30.0"N 135°14'30.0"E			

## SECTION I

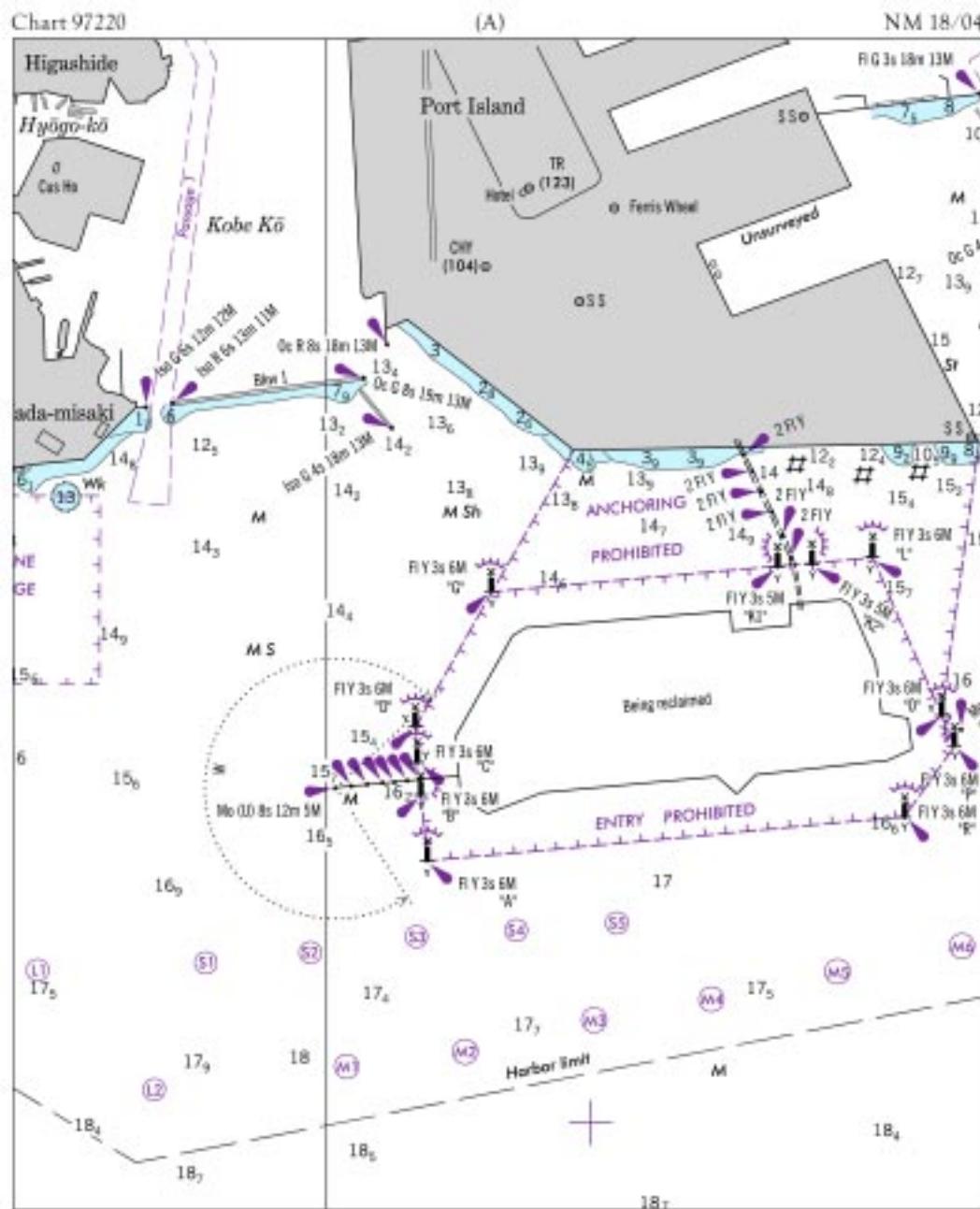
NM 18/04

Chart 22121 (Plan)



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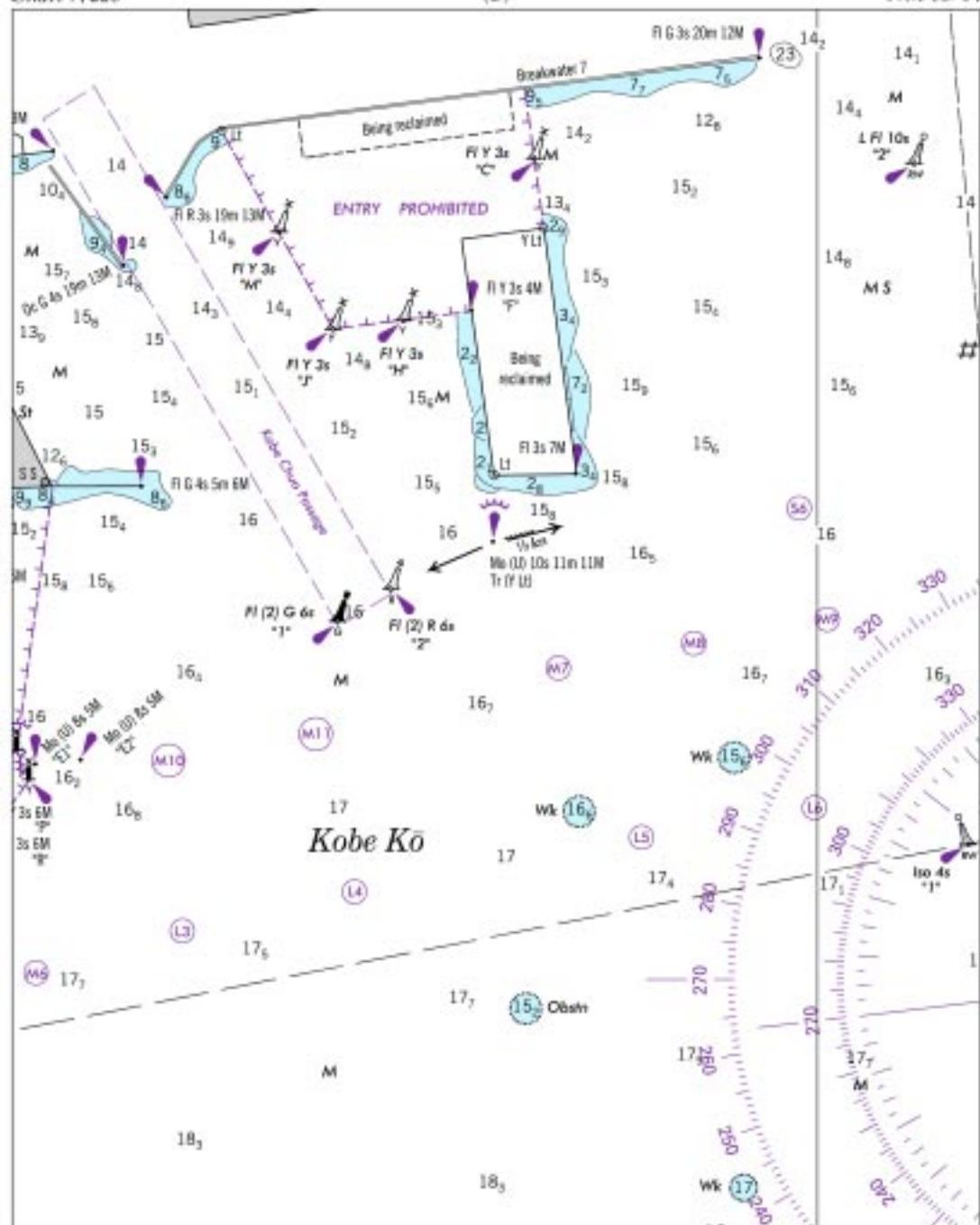
## SECTION I

NM 18/04

Chart 97220

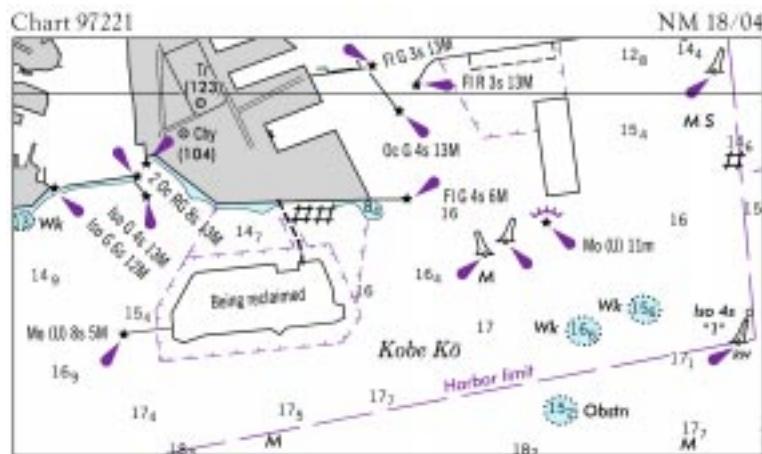
(B)

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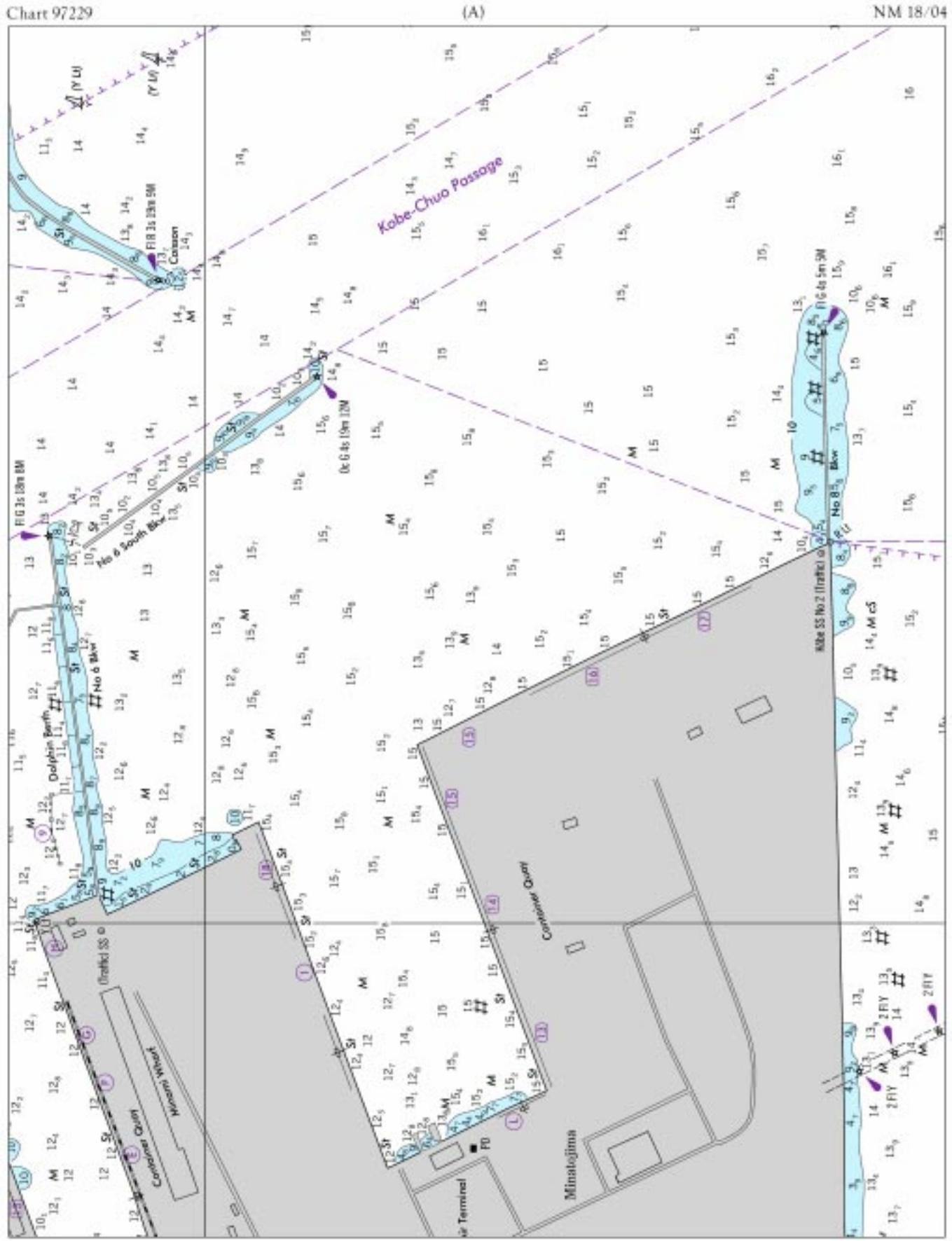
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Chart 97229

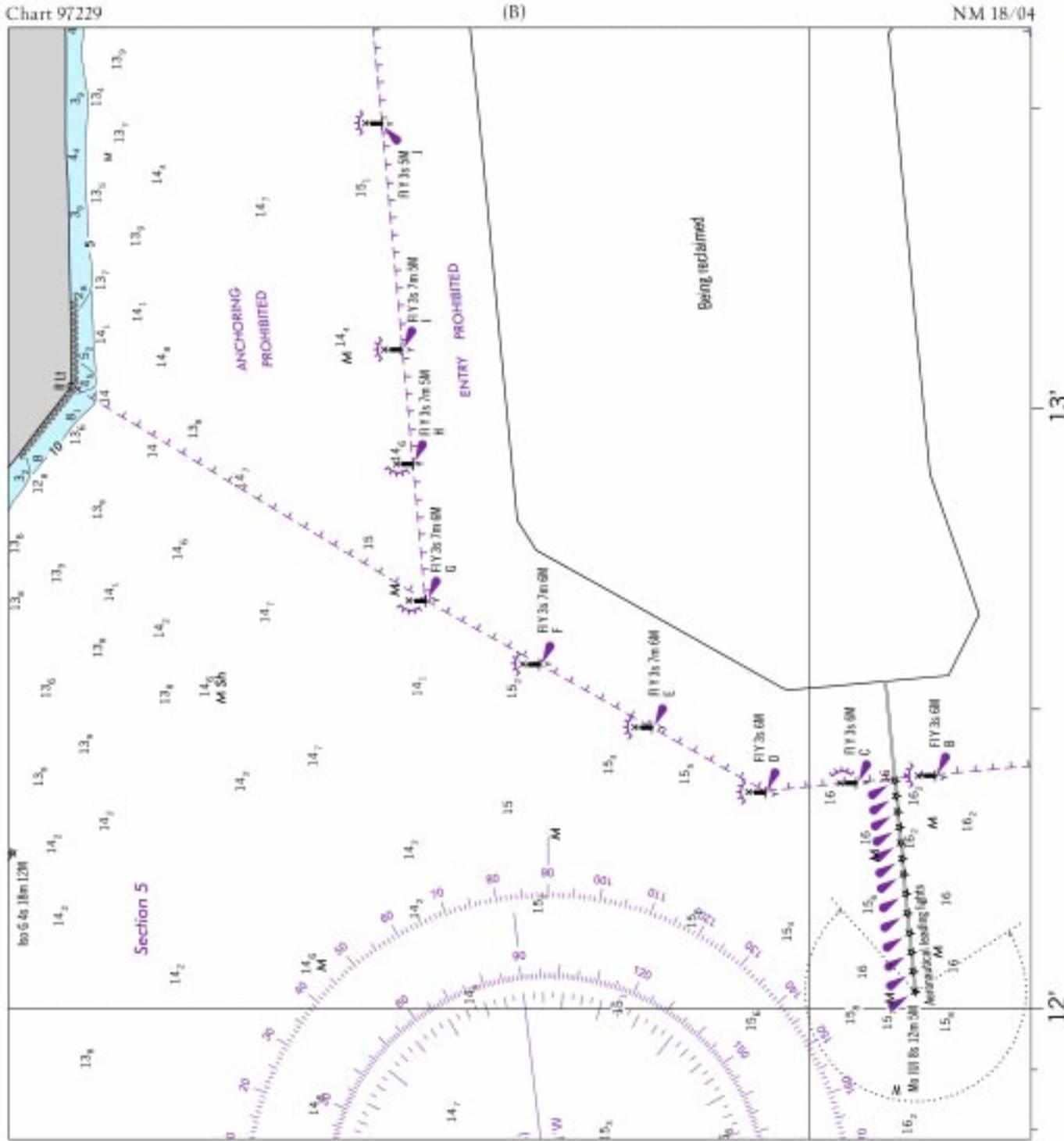


I-2.5

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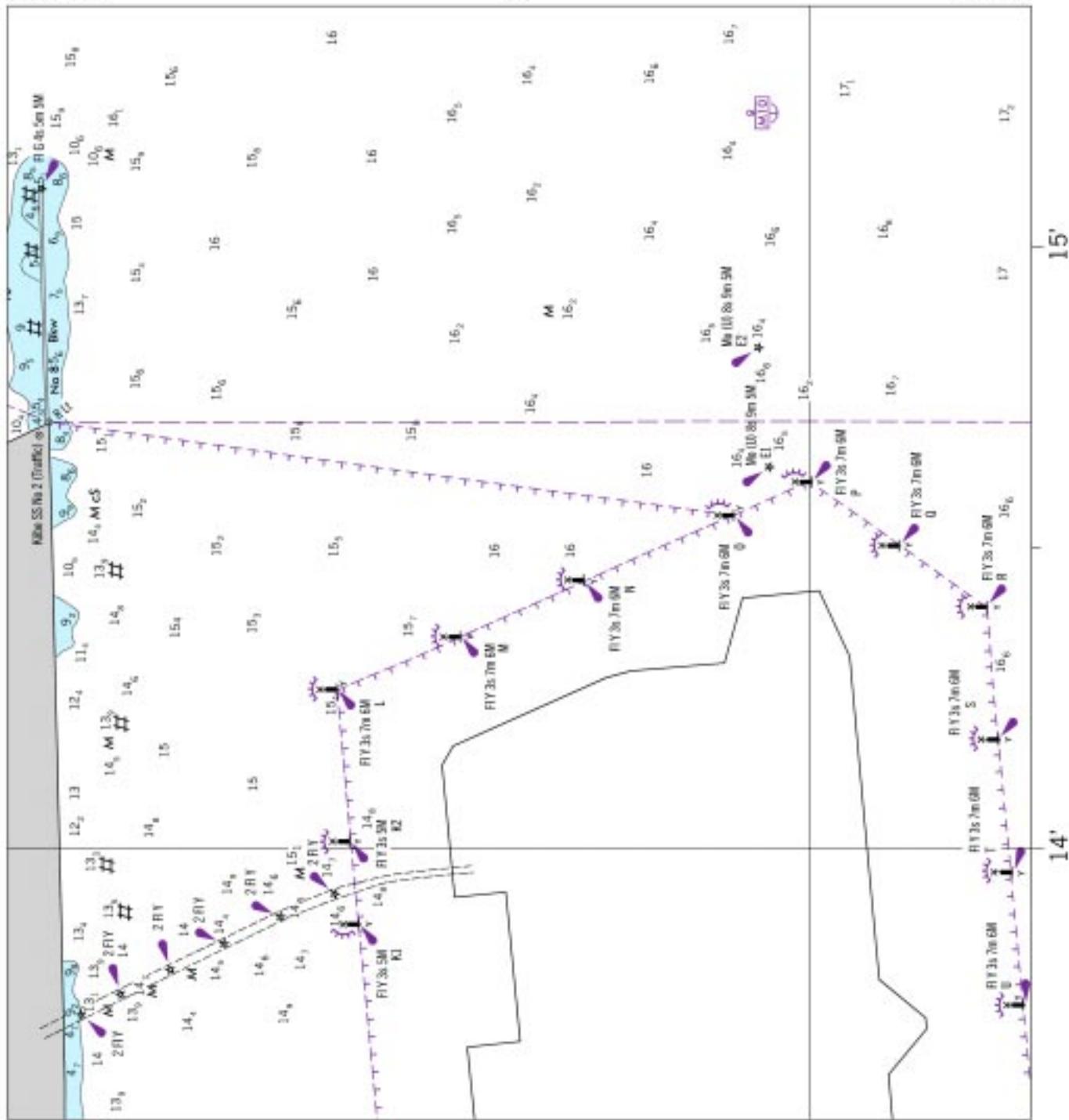
Chart 97229



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Chart 97229



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Chart 11341

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SABINE PASS CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
SABINE BANK CHANNEL	40	42	43	35	1-04	800 12.8 42
OUTER BAR CHANNEL	42	42	42	40	1-04	800 3.0 42
JETTY CHANNEL	36	42	42	31	1-04	800-500 3.5 40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 56065

NM 18/04

### NOTE

All vessels bound for any Israeli port are advised to approach the coast via the charted recommended routes. All vessels along the Israeli coast must follow the recommended coastal route. All vessels within Israeli territorial waters are advised not to exceed a maximum speed of 15 knots.



















## SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/03 THROUGH NM 18/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
97218	3	33/03	97441	5	47/03;14/04
97219	4	20,23,25,47/03;13/04	97443	6	15,19,25,47/03
97220	3	17,18,23,29,33,46,49/03; 6,18/04	97460	7	19,21,47/03;9/04
97221	20	17,18,19,20,22,23,25,26, 29,33,46/03;6,7,11,13,17, 18/04	97461	9	19,21,22,23,26/03;9/04
97222	12	22,29/03;11,17/04	97465	9	19,20,22,33,37/03;6, 12/04
97223	3	16,17,22,23,46/03	97466	2	23,27/03
97224	6	45/03;11/04	97469	10	19,20,22,33,37/03;6, 12/04
97225	31	17,18,19,23,25,33,45,46, 49/03;6,17/04	97471	5	N22,N33/03;N6,N10, N12/04
97226	7	18,41/03;6/04	97472	8	33/03
97227	11	18,30,34/03	97474	7	22/03
97228	15	15,17,18,20,21,22,27,29, 35,49,52/03;7/04	97480	7	17,18,21/03;15/04
97229	12	18,28,33/03;18/04	97481	6	18,20/03
97230	18	28,33/03	97483	7	20/03;11/04
97231	11	23,33/03	97521	6	16,18,20/03
97232	9	7/04*	97564	3	16/03
97233	12	15*,17/04	800669	8	N1,N16/04
97234	17	16,41/03;7/04	800744	1	N16,N36,N47,N50/03; N10/04
97235	2	52/03*	801217	1	N19,N20,N22,N33, N37/03;N6,N12/04
97236	20	16,23,35,41/03;13/04	801885	3	N34/03
97237	6	41/03	801902	9	N25,N31/03;N14/04
97238	11	12/04	801953	1	N39,N52/03
97239	10	16,23/03	802260	5	N1/04
97241	6	1/04	803404	2	N8/04
97243	8	21,27,33/03;14/04	804059	2	N43/03
97245	11	29/03	804567	4	N31/03;N9/04
97246	7	13/04	805118	3	N36/03;N12/04
97251	4	17,36,52/03	805647	2	N30/03;N8,N13/04
97261	15	18,21,26,44/03;1,13/04	806927	8	N25,N30,N39/03
97262	10	15,21,26,33,46/03;2,13, 14/04	807370	5	N17,N25,N30,N31, N39/03;N14/04
97263	10	15,18,21,46/03;2,14/04	807861	2	N22/03
97266	5	15,18,26,42/03;1,2,7/04	809055	7	N16/03
97267	16	18,26,27,42/03;7,9,13/04	809679	2	N27/03
97269	11	18,27/03;7/04			
97270	6	7,13/04			
97271	12	26,35,41,44/03;9,17/04			
97272	11	23,37,47/03;1,9,13/04			
97273	11	34*,52/03;1,9/04			
97274	19	15,17,18,23,37,47,52/03; 7,9/04			
97275	3	52/03*			
97276	2	50/03*			
97277	11	35,39/03;1,13/04			
97278	12	14/04*			
97279	9	27/03			
97281	3	50/03*			
97285	6	17,36/03;7/04			
97286	6	17,35,36,38/03			
97287	5	20/03			
97300	6	25,26/03;6/04			
97303	3	45/03			
97320	6	25,46/03;6,14/04			
97340	8	16,17,18,22,36,46,47/03; 9,14/04			
97341	9	16,21,47/03			
97342	14	17,18,22,27,43/03			
97343	12	17,25/03;9/04			
97345	2	50/03			
97360	6	18,27,43,45,47/03			
97380	7	16,23,38,40,45/03;17/04			
97381	7	27,43,45/03			
97382	2	42/03			
97383	16	42,46,47/03			
97384	4	19/03			
97385	10	46,47/03			
97387	2	42,46/03;10/04			
97389	2	45*,47/03			
97390	5	16,36/03;7/04			
97391	26	16/03			
97392	5	21,23,26,33,38/03			
97396	14	16,17,23,33,38/03;2/04			
97397	7	16,26,44,49/03			
97398	4	43/03*			
97400	4	34*,44,49/03			
97410	9	50/03*;2/04			
97412	7	47/03			
97420	17	33,38,40,45/03;1,13,14, 17/04			
97421	13	20,26,36/03			
97423	2	20,26,36/03;10,17/04			
97425	6	45/03;1,2/04			
97440	8	16,19,27,43,47/03;9/04			

## SECTION II

NM 18/04

## NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
11AHA11341 (7642014010130)	Calcasieu Pass to Sabine Pass (LORAN-C)	80,000	<u>40</u>	<u>3/04</u>	NOS	1-94	18/04	
11AHA11382 (7642014010132)	Pensacola Bay and Approaches (LORAN-C)	80,000	<u>40</u>	<u>2/04</u>	NOS	1-94	18/04	
11BCO11388 (7642014010185)	Choctawhatchee Bay and Approaches (LORAN-C)	80,000	<u>17</u>	<u>2/04</u>	NOS	1-94	18/04	
11AHA11412 (7642014010142)	Tampa Bay and St. Joseph Sound (LORAN-C)	80,000	<u>42</u>	<u>2/04</u>	NOS	1-94	18/04	
11AHA11502 (7642014010156)	Doboy Sound to Fernandina (LORAN-C)	80,000	<u>29</u>	<u>2/04</u>	NOS	1-94	18/04	
11AHA11524 (7642014010165)	Charleston Harbor	20,000	<u>47</u>	<u>2/04</u>	NOS	1-94	18/04	
	Continuations: Ashley River Wando River (Continuations not shown on index)	20,000 20,000						
11AHA11536 (7642014010163)	Approaches to Cape Fear River (LORAN-C)	80,000	<u>17</u>	<u>2/04</u>	NOS	1-94	18/04	
11AHA11537 (7642014010164)	Cape Fear River	40,000	<u>35</u>	<u>2/04</u>	NOS	1-94	18/04	
11AHA11544 (7642014010169)	Portsmouth Island to Beaufort (LORAN-C)	80,000	<u>38</u>	<u>2/04</u>	NOS	1-94	18/04	
11ACO11555 (7642014010117)	Cape Hatteras (LORAN-C)	80,000	<u>39</u>	<u>2/04</u>	NOS	1-94	18/04	
12AHA12207 (7642014010298)	Cape Henery to Currituck Beach Light (LORAN-C)	80,000	<u>21</u>	<u>3/04</u>	NOS	1-94	18/04	
13AHA13212 (7642014010414)	Approaches to New London Harbor	20,000	<u>36</u>	<u>3/04</u>	NOS	1-95	18/04	
13AHA13213 (7642014010415)	New London Harbor and Vicinity	10,000	<u>41</u>	<u>3/04</u>	NOS	1-95	18/04	
	Inset: Bailey Point to Smith Cove (Inset not shown on index)	5,000						
13AHA13272 (7642014010419)	Boston Inner Harbor	10,000	<u>48</u>	<u>2/04</u>	NOS	1-95	18/04	
	Extension: Mystic River	10,000						
14XHA14785 (7642014010652)	Burlington Harbor	10,000	<u>17</u>	<u>2/04</u>	NOS	1-96	18/04	
14XHA14833 (7642014010656)	Buffalo Harbor	15,000	<u>26</u>	<u>2/04</u>	NOS	1-96	18/04	
14XHA14843 (7642014010664)	Huron Harbor	5,000	<u>23</u>	<u>2/04</u>	NOS	1-96	18/04	
14XHA14844 (7642014010670)	Islands in Lake Erie	40,000	<u>32</u>	<u>2/04</u>	NOS	1-96	18/04	
	Inset: Put-in-Bay	10,000						
14XCO14964 (7642014010606)	Big Bay Point to Redridge (LORAN-C)	120,000	<u>21</u>	<u>3/04</u>	NOS	1-96	18/04	
	Insets: Grand Traverse Bay Harbor Eagle Harbor Copper Harbor Lac La Belle Harbor (Insets not shown on index)	5,000 15,000 15,000 20,000						
16XHA16086 (7642014011343)	<u>Nokotlek Pt to Wainwright Inlet</u>	50,000	<u>7</u>	<u>3/04</u>	NOS	1-60,97	18/04	

## SECTION II

## NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
16BHA16474 (7642014011311)	<u>Bay of Islands</u> Insets: <u>Argonne Channel</u> <u>Hell Gate</u>	12,000 6,000 6,000	8	<u>2/04</u>	NOS	1-68,97	18/04	
16BHA16477 (7642014011315)	<u>Tagalak I to Little Tanaga I</u>	30,000	7	<u>3/04</u>	NOS	1-68,97	18/04	
16BCO16547 (7642014011277)	<u>Sanak Island and Sandman Reefs (LORAN-C)</u> Insets: <u>Northeast Harbor</u> <u>Sanak Harbor</u> <u>Peterson and Salmon Bays</u> (Insets not shown on index)	81,326 20,000 20,000 20,000	9	<u>3/04</u>	NOS	1-62,97	18/04	
17BCO17317 (7642014011385)	<u>Lynn Canal from Pt Sherman to Skagway</u> Insets: <u>Portage Cove-Chilkoot Inlet</u> <u>Skagway and Nahku Bay</u> <u>Lutak Inlet</u> (Insets not shown on index)	77,812 10,000 10,000 20,000	20	<u>3/04</u>	NOS	1-8,97	18/04	
17XHA17401 (7642014011452)	Lake Bay and Approaches	10,000	11	<u>2/04</u>	NOS	1-98	18/04	
18BHA18427 (7642014011558)	Anacortes to Skagit Bay	25,000	22	<u>2/04</u>	NOS	1-98	18/04	
18AHA18450 (7642014011515)	<u>Elliott Bay and Duwamish Waterway</u> <u>Continuation of Duwamish Waterway</u> (Continuation not shown on index)	10,000 10,000	18	<u>2/04</u>	NOS	1-82,98	18/04	
18ACO18465 (7642014011491)	Strait of Juan de Fuca-Eastern Part (LORAN-C)	80,000	36	<u>1/04</u>	NOS	1-98	18/04	
18AHA18476 (7642014007264)	<u>Hood Canal To Dabob Bay</u> <u>Continuation of Hood Canal</u> (Continuation not shown on index)	40,000 40,000	5	<u>2/04</u>	NOS	1-82,98	18/04	
18BHA18484 (7642014011570)	Neah Bay	10,000	11	<u>2/04</u>	NOS	1-98	18/04	
18XHA18551 (7642014011627)	Franklin D. Roosevelt Lake; Southern Part Continuation of Franklin D. Roosevelt Lake (Continuation not shown on index)	50,000 50,000	8	<u>2/04</u>	NOS	1-98	18/04	
18AHA18763 (7642014011537)	<u>San Clemente Island, Northern Part</u> Inset: <u>Wilson Cove</u> (Inset not shown on index)	20,000 5,000	10	<u>2/04</u>	NOS	1-87,99	18/04	
19XCO19004 (7642014011696)	Hawai'ian Islands	600,000	37	<u>1/04</u>	NOS	1-99	18/04	
19ACO19010 (7642014011655)	Hawai'ian Islands, Southern Part	675,000	18	<u>3/04</u>	NOS	1-99	18/04	
19ACO19013 (7642014011656)	<u>Hawai'ian Islands, Northern Part</u>	675,000	17	<u>2/04</u>	NOS	1-8,99	18/04	
MISCELLANEOUS CHARTS AND PUBLICATIONS								
LLPUB114 (7642014007536)	<u>British Isles, English Channel, and North Sea, 2004</u>				GPO	10-22	18/04	
NOSPBCP1 (7642014008450)	<u>No. 1 Eastport to Cape Cod, 2004</u>				NOS	10-25	18/04	
NOSPBCP7 (7642014008455)	<u>No. 7 California, Oregon, Washington, Hawaii and Pacific Islands, 2004</u>				NOS	10-25	18/04	

## SECTION II

NM 18/04

### NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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## NAVIGATION PUBLICATIONS

## NGA LIST OF LIGHTS CORRECTIONS

**PUB 114** **Ed 2004** **NEW EDITION**  
 (NGA) 18/04

## COAST PILOT CORRECTIONS

**COAST PILOT 1** **34 Ed 2004** **NEW EDITION**  
 (NOS) 18/04

**COAST PILOT 3** **37 Ed 2004** **Change No. 1**  
**LAST NM 14/04**

Page 10—Paragraph 169, line 7; read:  
 operating 24 hours a day. (See Internet website: <http://www.weather.gov/>) Marine services are also provided ...  
 (Internet/04) 18/04

Page 245—Paragraph 29, lines 5 to 13; read:  
 bridge have a least clearance of 55 feet. The State Route 1 fixed highway bridge, 0.3 mile farther southward has a clearance of 35 feet. The overhead power cables on the north and south side of the bridge have a least clearance of 55 feet.  
 (See **117.1 through 117.59** ...)  
 (NOS 12216) 18/04

Page 374—Paragraph 42, line 6 to Paragraph 43, line 2; read:  
 normal business hours. Inquiries on availability, cost, etc. of GPO publication may be addressed to a 24-hour FAX number: 202-512-2250.

**National Geospatial-Intelligence Agency Procurement Information**

Unclassified publications produced by the National Geospatial-Intelligence Agency (NGA) are available ...  
 (CL 1739/03; Internet/04; CP1/03) 18/04

**COAST PILOT 5** **31 Ed 2004** **Change No. 17**  
**LAST NM 17/04**

Page 388—Paragraph 188, line 1; read:  
 Tugs up to 5,600 hp are available at Pascagoula. Arrangements ...  
 (CL 323/04) 18/04

Page 389—Paragraphs 208 to 210; read:  
 Chevron Texaco Refinery, Pascagoula Refinery, Berth No. 6 ( $30^{\circ}20'05''N.$ ,  $88^{\circ}30'37''W.$ ): 125-foot face; 260 feet of berthing space with dolphins; deck height, 15 feet; 42 feet alongside; pipelines extend from wharf to storage tanks with total capacity of 13 million barrels; six hydraulic loading arms; unloading crude oil and naphtha; owned and operated by Chevron Texaco Refinery.

Chevron Texaco Refinery, Pascagoula Refinery, Berth No. 7 ( $30^{\circ}19'56''N.$ ,  $88^{\circ}30'48''W.$ ): 80-foot face; 765 feet of berthing space with dolphins; deck height, 15 feet; 42 feet

alongside; pipelines extend from wharf to storage tanks with total capacity of 4 million barrels; four hydraulic loading arms; unloading crude oil and coker feed; owned and operated by Chevron Texaco Refinery.

Chevron Texaco Refinery, Pascagoula Refinery Wharf No. 1, Berths 1-5 ( $30^{\circ}20'27''N.$ ,  $88^{\circ}30'30''W.$ ): Berth 1, two-parallel platforms with steel walkway to Wharf No. 1; 220 feet of berthing space with dolphins; 10 to 14 feet alongside space with dolphins; 38 feet alongside; Berths 2 and 3, 523 feet of berthing space with dolphins, Berths 4 and 5, 690 feet of berthing space with dolphins; deck height, 12 feet; pipelines extend to storage tanks; railway connections; loading and unloading of liquified petroleum gas, methanol, clean oil, chemicals, and asphalt; owned and operated by Chevron Texaco Refinery.

(CL 323/04) 18/04

Page 389—Paragraph 213, lines 3 to 4; read:  
 offshore wharf; 800 feet of berthing space with dolphins; 42 feet alongside; deck height, 9 feet; one hand-operated, ...  
 (CL 323/04) 18/04

Page 389—Paragraph 214, lines 3 to 7; read:  
 offshore wharf; 800 feet of berthing space with dolphins; 42 feet alongside; deck height, 9 feet; conveyor and a double marine-leg discharge system with a 1,000-ton per hour unloading rate; pipelines to storage tanks; open storage area with 100,000-ton capacity; receipt and shipment of ...  
 (CL 323/04) 18/04

**COAST PILOT 5** **31 Ed 2004** **Change No. 18**

Page 325—Paragraph 100, line 13; read:  
 8 feet in 2004. Pilings of a former pier extend 250 yards ...  
 (DB 4516) 18/04

Page 406—Paragraph 415, lines 5 to 10; read:  
 Pontchartrain. The 160-foot wharf is operated by South Tangipahoa Parish Port Commission, which handles general and containerized cargo. Warehouses to 30,000 square feet and a 60-foot lower docking facility are available. Barges with a 9-foot draft are loaded and discharged by heavy lift cranes and lift trucks. A 1,800-foot railroad siding ...  
 (CL 381/04) 18/04

Page 420—Paragraph 117, lines 2 to 6; read:  
 river via The Jump with the Gulf. In January 2004, the mid-channel controlling depths were 3 feet to Buoy 58, thence 18 feet to the junction with Grand Pass, thence 20 feet to the Mississippi River.

(DDs 4941-46) 18/04

Page 459—Paragraph 202, lines 4 to 5; read:  
 mouth. In January 2004, the midchannel controlling depth was 20 feet.  
 (DDs 4966-68; CEM-New Orleans/87) 18/04

## SECTION II

NM 18/04

### **COAST PILOT 5 (Continued)**

Page 459—Paragraph 203, line 3; read: January 2004, the midchannel controlling depth was 20 feet from the ... (DDs 4964-65; CEM-New Orleans/87)	18/04	vised. (CL 430/04)	18/04
Page 549—Paragraph 114, lines 6 to 8; read: channels are privately marked. In 2004, the channel leading N had a reported depth of 4 feet and the channel leading W had a reported depth of 6 feet. Water, ice, ... (DB 5037)	18/04	<b>COAST PILOT 6</b> <b>34 Ed 2004</b> <b>Change No. 1</b> <b>LAST NM 13/04</b>	
Page 550—Paragraph 120, lines 9 to 14; read: south of the bridge and on the E side of the bayou has electricity and water available. A marina north of the bridge on the W side of the bayou has gasoline, pump-out, electricity, water, and ice available. (DB 4715)	18/04	Page 6—Paragraph 63, lines 5 to 7; read: frequencies, and broadcast content are listed on the Internet site, <b>Marine Product Dissemination Information</b> , ( <a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a> ). For marine weather services ... (NOS/04; Internet/04; CP1/03)	18/04
Page 551—Paragraph 146, lines 6 to 7; read: club is on the S mole. In February 2004, the reported approach depth was 5 feet with 4 feet alongside. The entrance to ... (DB 4735)	18/04	Page 120—Paragraphs 1808 to 1812; read: (1) <i>Keweenaw Nuclear Power Plant</i> . All navigable waters of Western Lake Michigan encompassed by a line commencing from a point on the shoreline at 44°20.715'N., 087°32.080'W., then easterly to 44°20.720'N., 087°31.630'W., then southerly to 44°20.480'N., 087°31.630'W., then westerly to 44°20.480'N., 087°31.970'W., then northerly following the shoreline back to the point of origin (NAD 83). (FR 1/29/04; CL 123/04)	18/04
Page 552—Paragraph 151, lines 7 to 10; read: marinas in the basins, which in 2004 had a reported depth of 3 feet. There are forklifts and a marine railway; hull, engine and electronic repairs can be made. Gasoline, water, ice, marine supplies, pump-out station, wet ... (DB 4881)	18/04	Page 278—Paragraph 27, lines 11 to 13; read: River, HURON MAIN, has an orange hull and a white cabin with the word 'Pilot' printed on the side of the cabin. Three pilot boats are at Port Huron: (DB 3018)	18/04
Page 564—Paragraph 326, line 6; read: KDT-551. In February 2004, a fixed highway bridge with a design clearance of 73 feet was under construction; upon completion, it will replace the bascule bridge. The overhead power cable about 0.1 mile E of ... (CL 357/04; 05/04 CG8)	18/04	Page 366—Paragraph 228, lines 3 to 4; read: <b>162.120</b> , chapter 2, for regulations.) (NOS 14937)	18/04
<b>COAST PILOT 5</b> <b>31 Ed 2004</b> <b>Change No. 19</b>		Page 528—Paragraph 17, lines 6 to 8; read: State Canal System Cruising Guide, available from website <a href="http://www.canals.state.ny.us">http://www.canals.state.ny.us</a> or telephone 1-800-422-1825. (43/03 CG1; Internet/04)	18/04
Page 352—Paragraph 79, lines 7 to 11; read: Light TM. In July 2003, the controlling depth in the entrance channel was 3.5 feet (3.9 feet at mid-channel), thence 5.7 feet in the W and E channels. An entrance light, buoys, and daybeacons mark the channels. (CL 1546/03; 13/04 CG8; LL/04)	18/04	Page 528—Paragraph 23, line 10; read: 1-800-4CANAL4 or visit website <a href="http://www.canals.state.ny.us">http://www.canals.state.ny.us</a> . (43/03 CG1)	18/04
Page 493—Paragraph 178, line 6; read: end of Galveston Island. Mariners should be alert to the possibility of strong cross-currents in the Galveston Bay Entrance Channel; caution is advised. (CL 430/04)	18/04	<b>COAST PILOT 7</b> <b>36 Ed 2004</b> <b>NEW EDITION</b> (NOS)	18/04
Page 495—Paragraph 196, line 9; read: mark the Entrance, Outer Bar, and Inner Bar Channels. Mariners should be alert to the possibility of strong cross-currents in the Galveston Bay Entrance Channel; caution is ad-		<b>COAST PILOT 8</b> <b>25 Ed 2003</b> <b>Change No. 19</b> <b>LAST NM 17/04</b>	
		Page 18—Paragraph 367, lines 2 to 3; read: <b>radio stations</b> , usually on frequencies <b>162.400, 162.425, 162.450, 162.475, 162.500, 162.525, or 162.550 MHz</b> , to provide continuous recorded ... (CL 1192/03)	18/04

**COAST PILOT 8 (Continued)**

Page 274—Paragraph 103, line 11; read:  
power cable with a clearance of 95 feet crosses the inlet ...  
(CL 1855/76; NOS 17314) 18/04

Page 390—Paragraphs 242 to 250; read:

National Weather Service VHF-FM radio stations provide mariners with continuous FM broadcasts, radar reports, and surface weather observations. Reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations. The following VHF-FM radio stations with location of antenna are located in Alaska:

Call Sign	Station	Location	Frequency
KZZ92	Duke Island	54°53'N. 131°22'W.	162.450
KZZ89	Sukkwan Island	55°07'N. 132°46'W.	162.425
KZZ96	Gravina	55°22'N. 131°48'W.	162.525
KXI80	Craig	55°29'N. 133°08'W.	162.475
WXJ26	Ketchikan	55°22'N. 131°40'W.	162.550
KZZ95	Mount McArthur	56°04'N. 134°12'W.	162.525
KZZ91	Zarembo Island	56°21'N. 132°52'W.	162.450
WXJ83	Wrangell	56°28'N. 132°22'W.	162.400
WXJ80	Sitka	56°51'N. 135°32'W.	162.550
KZZ88	Cape Fanshaw	57°12'N. 133°28'W.	162.425
KZZ86	Althorp Peak	58°06'N. 136°25'W.	162.425
KZZ87	Mt. Robert Barron	58°14'N. 134°51'W.	162.450
WXJ25	Juneau	58°23'N. 134°46'W.	162.550
WXM97	Haines	59°17'N. 135°27'W.	162.400
WXK69	Yakutat	59°30'N. 139°39'W.	162.400
WXJ79	Cordova	60°33'N. 145°45'W.	162.400

(CL 1192/03) 18/04

**COAST PILOT 9      21 Ed 2003      Change No. 17  
LAST NM 8/04**

Page 331—Paragraph 606, line 1; read:  
**Kaslokan Point Light 2** (55°06'15"N., 162°31'36"W.), ...  
(05/04 CG17; LL/04) 18/04

Page 435—Paragraph 73, line 3; read:  
(55°58'41"N., 160°34'59"W.), 18 feet above the water and ...  
(05/04 CG17; LL/04) 18/04

Page 473—Paragraph 618, lines 10 to 12; read:  
above the mouth of the Snake River. In June-August 2003, the controlling depth was 7.1 feet to the basin; thence 6.6 to 8 feet in the basin with lesser ...  
(BP 181401; BP 181853) 18/04

**COAST PILOT 9      21 Ed 2003      Change No. 18**

Page 20—Paragraph 380, lines 3 to 4; read:  
**radio stations**, usually on frequencies **162.400, 162.425, 162.450, 162.475, 162.500, 162.525, or 162.550 MHz**, to provide continuous recorded ...  
(CL 1192/03) 18/04

Page 142—Paragraph 335, lines 6 to 7; read:  
channels 16 and 68. In June 2003, the controlling depths in the berthing areas varied from 7.3 to 12 feet.  
(BP 182167) 18/04

Page 207—Paragraph 1118, lines 6 to 7; read:  
currents. In June 2003, the marked channel had a controlling depth of 21.9 feet.  
(BP 182165) 18/04

Page 207—Paragraph 1124, lines 3 to 4; read:  
end of the N breakwater. In June 2003, the controlling depth was 12 feet in the entrance channel thence 12 ...  
(BP 182166) 18/04

**COAST PILOT 9 (Continued)**

Page 504—Paragraphs 240 to 251; read:

National Weather Service VHF-FM radio stations provide mariners with continuous FM broadcasts, radar reports, and surface weather observations. Reception range is typically 20 to 40 nautical miles from the antenna site, but can be as

much as 100 nautical miles for stations at high elevations. The following VHF-FM radio stations with location of antenna are located in Alaska:

Call Sign	Station	Location	Frequency
WXM97	Haines	59°17'N 135°27'W	162.400
WXK69	Yakutat	59°30'N 139°39'W	162.400
WXJ79	Cordova	60°33'N 145°45'W	162.400
WXJ63	Valdez	61°08'N 146°21'W	162.550
TBD	Cape Hinchinbrook	60°15'N 146°37'W	162.525
WNG527	Potato Point	61°03'N 146°42'W	162.425
WNG530	Naked Island	60°39'N 147°21'W	162.500
KZZ93	Point Pigot	60°49'N 148°23'W	162.450
KXI29	Whittier	60°47'N 148°41'W	162.400
KZZ98	Wasilla	61°36'N 149°21'W	162.400
WNG526	Rugged Island	59°52'N 149°23'W	162.425
KEC81	Seward	60°07'N 149°27'W	162.550
KEC43	Anchorage	61°13'N 149°53'W	162.550
WWG39	Soldotna	60°28'N 151°05'W	162.475
WXJ24	Homer	59°45'N 151°37'W	162.400
KZZ97	Ninilchik	60°01'N 151°41'W	162.550
WNG528	Bede Mountain	59°19'N 151°57'W	162.450
WXJ78	Kodiak	57°47'N 152°26'W	162.550
WNG531	Pillar Mountain	57°47'N 152°26'W	162.525
KZZ90	Raspberry Island	58°04'N 153°23'W	162.425
WNG525	Tuklung Mountain	58°51'N 159°28'W	162.425
WXJ62	Nome	64°30'N 165°25'W	162.550
WXK89	Unalaska	53°53'N 166°32'W	162.550
KWN30	Kotzebue	66°52'N 162°38'W	162.550
KZZ53	Barrow	71°16'N 156°47'W	162.550

(CL 1192/03)

**COAST PILOT 9      21 Ed 2003      Change No. 19**

Page 307—Paragraph 219, line 1; read:

The entrance to **Sweater Bay**, the first arm on the E side of

...

(CL 151/04)

18/04

Page 307—Paragraph 219, lines 7 to 10; read:

of 600 to 700 yards between the N shore and the end of a steep-to boulder-gravel spit that extends from the S shore. The average width of the bay inside the spit is 0.5 mile; and the general depths are 35 to 45 fathoms, with ...

(CL 151/04)

18/04

18/04

Page 307—Paragraph 222 to Paragraph 225, line 1; read:

The fourth arm on the E side of Kuiukta Bay, about 1.7 miles from the head of the bay, extends SE about 1.5 miles. The N side of the entrance to this arm is marked by a grass-topped U-shaped island, with steep, rock-cliff shoreline. There is good moorage near the entrance to this arm SSE of the island in depths of 15 to 35 fathoms with good protection from the wind.

The fifth arm on the E side of Kuiukta Bay, about 0.7 mile from the head of the bay, extends E about 0.9 mile between sheer rock cliffs. The bay has a silt and clay bottom and is open to west winds.

The sixth arm on the E side and at the head of Kuiukta Bay, extends E for about 2.3 miles. A small islet is about 1.4 miles E from the S entrance point. The arm is 30 to 40 fathoms deep then shoals to 14 fathoms with a silt bottom approximately 600 yards E of the small islet.

**COAST PILOT 9 (Continued)**

**Herring Lagoon**, the first arm on the W side of Kuiukta Bay, indents ...  
(CL 151/04) 18/04

Page 307—Paragraph 225, line 8; read:  
from its head may be had in 14 fathoms, sandy bottom, ...  
(CL 151/04) 18/04

Page 307—Paragraph 226, line 1; read:  
**Fishhook Bay**, the second arm on the W side of Kuiukta Bay, ...  
(CL 151/04) 18/04

Page 308—Paragraph 230, lines 1 to 2; read:  
**Portage Bay** is the fifth and last arm on the W side and at the head of Kuiukta Bay and extends W by N 2.8 ...  
(CL 151/04) 18/04

Page 308—Paragraph 238, line 7; read:  
of Herring Lagoon, the small first arm leading off Kuiukta Bay, opposite ...  
(CL 151/04) 18/04

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15145	- Channel Lighted Buoy 2		Fl R 4s			Red.	
		*	*		*		18/04
16010	Buzzards Bay Lighted Gong Buoy 3	41 27 15 N 71 34 00 W	Fl G 4s		4	Green.	
		*					18/04
16055	Buzzards Bay Midchannel Lighted Bell Buoy BB East of Wilkes Ledge.	41 30 33 N 70 49 54 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	Removed when endangered by ice.
		*					18/04
*16058	Buzzards Bay Lighted Bell Buoy 9	41 32 52 N 70 46 27 W	Fl G 4s		4	Green.	Replaced by LIB when endangered by ice.
							18/04
16060	Buzzards Bay Lighted Gong Buoy 10 Marks western edge of shoal.	41 34 37 N 70 43 15 W	Fl R 4s		4	Red.	Replaced by LIB when endangered by ice.
		*					18/04
22360	- Channel Buoy 14					Green.	Removed when endangered by ice.
					*		18/04
30341	- Buoy 28	40 47 10 N 72 43 49 W				Red nun.	
					*		18/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2655	- RANGE FRONT LIGHT	39 34 16 N 75 31 02 W	Fl G 2.5s	15 14		On skeleton tower.	DAY: Visible on range line only. NIGHT: Visible all around; higher intensity on range line.
		*					18/04
2660	- RANGE REAR LIGHT 994 yards, 027.4° from front light.		Iso G 6s	46 44		On skeleton tower.	DAY: Visible on range line only. NIGHT: Visible all around; higher intensity on range line.
		*					18/04
16602	- Warning Daybeacon					NW on pile.	
		*			*		18/04

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 Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Upper Thorofare</b>							
23550	HAINES POINT LIGHT	38 10 20 N 75 57 52 W	Fl W 4s	15	6	NR on pile.	
		*			*		18/04
23560	- CHANNEL LIGHT 1		Fl G 2.5s	15	3	SG on pile.	
					*		18/04
23565	- CHANNEL LIGHT 4	38 10 12 N 75 57 00 W	Fl R 6s	19	4	TR on pile.	
					*		18/04
<b>Nanticoke River</b>							
23965	- ENTRANCE LIGHT 1	38 13 04 N 75 56 34 W	Fl G 2.5s	15	4	SG on pile.	Ra ref.
					*		18/04
28780	- Junction Daybeacon HF				RG on pile.		
		*			*		18/04
<b>Banks Channel</b>							
30050	- LIGHT 1	34 21 06 N 77 39 10 W	Fl G 4s	15	4	SG on pile.	
		*					18/04
30055	- LIGHT 2	34 21 14 N 77 38 52 W	Fl R 4s	15	3	TR on pile.	
		*					18/04
30080	- LIGHT 7		Q G	15	3	SG on pile.	
					*		18/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9970 45120	- LIGHT 16	27 27 48 N 80 19 36 W	Q R	12	3	TR on pile.	
				*			18/04
10145	- LIGHT 9	27 09 57 N 80 09 48 W	Fl G 4s	12	4	SG on pile.	
				*	*		18/04
10885	- LIGHT 21		Fl G 2.5s	16	4	SG on pile.	
				*			18/04
12370	- LIGHT 98		Fl R 2.5s	16	4	TR on pile.	
				*			18/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Clearwater Harbor</b>							
61765	- LIGHT 7	27 56 32 N 82 49 12 W	Fl G 4s	16	4	SG-SY on pile.	
		*					18/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6095	FORT GAINES WRECK LIGHT WR1	30 15 00 N 88 04 36 W	Q G	17	3	On single pile.	Ra ref.
		*				*	18/04
6240	-Daybeacon 9				SG on pile.	Ra ref.	
	*	*	*	*	*	*	18/04
16206.1	- Buoy 2	29 11 39 N 90 02 42 W			Red nun.	Private aid.	
	*						18/04
16206.2	- Buoy 3	29 12 07 N 90 02 59 W			Green can.	Private aid.	
	*						18/04
16206.3	- Buoy 4	29 11 54 N 90 02 49 W			Red nun.	Private aid.	
	*						18/04
16206.4	- Buoy 5	29 12 12 N 90 02 56 W			Green can.	Private aid.	
	*						18/04
16206.5	- Buoy 6	29 12 11 N 90 02 45 W			Red nun.	Private aid.	
	*						18/04
26475	- RANGE B FRONT LIGHT					Remove from list.	
						*	18/04
26480	- RANGE B REAR LIGHT					Remove from list.	
						*	18/04
26485	- RANGE C FRONT LIGHT					Remove from list.	
						*	18/04
26490	- RANGE C REAR LIGHT					Remove from list.	
						*	18/04
*33362	LAROSE WRECK LT WR1	29 33 32 N 90 23 24 W	Q G	17	3		
							18/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Delete Heading: *Queen Isabella Causeway</b>							
40552	QUEEN ISABELLA CAUSEWAY SOUTHEAST DANGER LIGHT A						<i>Remove from list.</i>
							*
							18/04
40552.01	QUEEN ISABELLA CAUSEWAY SOUTHEAST DANGER LIGHT B						<i>Remove from list.</i>
							*
							18/04
40552.02	QUEEN ISABELLA CAUSEWAY SOUTHEAST DANGER LIGHT C						<i>Remove from list.</i>
							*
							18/04
40552.03	QUEEN ISABELLA CAUSEWAY SOUTHEAST DANGER LIGHT D						<i>Remove from list.</i>
							*
							18/04
40552.1	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT A						<i>Remove from list.</i>
							*
							18/04
40552.11	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT B						<i>Remove from list.</i>
							*
							18/04
40552.12	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT C						<i>Remove from list.</i>
							*
							18/04
40552.13	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT D						<i>Remove from list.</i>
							*
							18/04
40552.14	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT E						<i>Remove from list.</i>
							*
							18/04
40552.15	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT F						<i>Remove from list.</i>
							*
							18/04
40552.16	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT G						<i>Remove from list.</i>
							*
							18/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
40552.17	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT H						Remove from list.
							*
							18/04
40552.18	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT I						Remove from list.
							*
							18/04
<b>*Add Heading: *Queen Isabella Causeway</b>							
* 40552.19	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT J	26 04 54 N 97 12 02 W	Fl W 2.5s	9		On fender system.	Private aid.
							18/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Kahului Boat Ramp</b>							
28380.5	- Range Front Daybeacon	20 53 43 N 156 28 43 W		6		KRW on post.	Private aid.
			*				
							18/04
28381	- Range Rear Daybeacon	20 53 43 N 156 28 45 W		12		KRW on post.	Private aid.
			*				
							18/04
<b>OAHU ISLAND (Chart 19357)</b>							
29060	Diamond Head Light	21 15 18 N 157 48 36 W	Oc (2) W 10s (R sector) 2s fl 1.5s ec. 5s fl 1.5s ec.	147	W 17 R 14 55	White concrete tower.	Obscured from 110° to 272°, red from 099° to 110°. Between 105° to 110°, red sector may be obscured by vegetation. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
			*				
							18/04

### OAHU TO NIIHAU (Chart 19380)

#### Kauai Island

29735	Kilauea Point Light	22 13 53 N 159 24 07 W	Fl W 10s	174	23 10	White concrete post.	Obscured from 295° to 065°. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
			*				

18/04

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## SECTION II

### CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*9702 K 3286	-Sugar Ran Reef.	9° 53.8' S 143° 13.1' E	Fl.R. period 2.5s	23 7	6	PORT (A) R, beacon, topmark.	18/04

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18383 F 3966.5	Basin No 5 Range, front.	40° 47.8' N 121° 04.6' E	F.R.	79 24	6		18/04
		*		*			
18383.1 F 3966.51	-Rear, 110 meters 060° from front.	40° 47.9' N 121° 04.7' E	F.R.	92 28	6		18/04
				*			
18384 F 3966.2	-Breakwater, head.	40° 47.8' N 121° 04.0' E	Fl.W. period 4s	49 15	6		18/04
		*		*	*		
*18886 F 3718.3	Dajinshan Dao.	30° 41.5' N 121° 25.1' E	Fl.(3)W. period 10s	344 105	10		
	RACON		0(---)				18/04
*19066 F 3662.7	Mati Shan.	28° 00.2' N 120° 47.5' E	Fl.W. period 3s	39 12	7	Beacon; 33.	18/04
*19070 F 3662.2	Jianzui Jiao.	28° 04.7' N 121° 08.5' E	Fl.(2)W. period 5s	43 13	7	ISOLATED DANGER BRB, beacon, topmark; 33.	18/04
*19090.5 F 3642	Liu'er.	26° 34.7' N 120° 06.2' E	Fl.(3)W. period 10s	92 28	10	White hexagonal concrete structure; 33.	18/04
	RACON		Q(---)				18/04
*19091.5 F 3641.2	Yang Yu.	26° 22.2' N 119° 58.2' E	Fl.(2)W. period 6s	331 101	16	White square pyramidal concrete structure; 33.	18/04
	RACON		Y(---)				
19186.2 F 3609.2	Gui Jiao.	24° 20.2' N 118° 07.4' E	Fl.W. period 4s	43 13	7	White octagonal concrete structure; 33.	18/04
*	*	*	*	*	*	*	
19186.3 F 3609.3	Ta Jiao.	24° 21.4' N 118° 05.9' E	Fl.(2)W. period 6s	69 21	7		
*	*	*	*	*	*	*	18/04

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## SECTION II

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*19193 <i>F 3603.6</i>	Waiying.	23° 47.0' N 117° 44.0' E	Fl.(2)W. period 6s	79 24	10		
RACON		G(---)					18/04
*19207 <i>F 3595.7</i>	Zhe Lin.	23° 32.5' N 117° 03.7' E	Fl.(2)W. period 6s	177 54	15		18/04
*19289.5 <i>F 3581.228</i>	Xiaochi Zhou.	22° 38.4' N 114° 38.6' E	Fl.W. period 8s	144 44	10 26.	White round concrete structure;	
30236 <i>E 6020</i>	-Newport Rock.	29° 53.1' N 32° 33.1' E	Fl.W. period 5s	56 17	10	Tripod on 3 pile structure; 30.	18/04
-RACON		G(---)				*	18/04
30280 <i>E 6025</i>	-Ras Gharib.	28° 21.2' N 33° 06.6' E	Fl.(4)W. period 20s fl. 0.2s, ec. 2.4s fl. 0.2s, ec. 2.4s fl. 0.2s, ec. 2.4s fl. 0.2s, ec. 12s	151 46	22	White daymark on white metal framework tower, white dwelling; 128.	Visible 150°-308°. Liable to be obscured by sand storms. DGPS Station.
30308 <i>E 6026</i>	-New S. Berth, No. 8 Range, front.	28° 20.4' N 33° 06.6' E	F.G.	48 15	5	Framework tower, square daymark.	18/04
30312 <i>E 6026.1</i>	--Rear, No. 7, 760 meters from front.	28° 20.6' N 33° 06.1' E	F.G.	125 38	5	Framework tower, square daymark.	18/04
						*	

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2776 <i>D 1828</i>	-Bajo Sinal de Ostreira.	42° 35.7' N 8° 54.8' W	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	33 10	3	Red truncated conical tower; 33.	
			*				18/04
7112 <i>E 0806</i>	-La Fourmigue, Gulf, entrance.	43° 32.4' N 7° 05.0' E	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	52 16	7	ISOLATED DANGER BRB, tower, topmark; 56.	
			*	*	*	*	18/04

GOLFE-JUAN:

7112 <i>E 0806</i>	-La Fourmigue, Gulf, entrance.	43° 32.4' N 7° 05.0' E	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	52 16	7	ISOLATED DANGER BRB, tower, topmark; 56.
			*	*	*	*

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## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14522 -Agios Thomas. <i>E 3810</i>		38° 57.8' N 20° 47.9' E	Fl.R. period 2s fl. 0.3s, ec. 1.7s	23 7	3	Metal framework, gallery and column, red band; 19.	
				*	*		18/04
14533 Koronisia, NW. mole, head. <i>E 3822</i>		39° 00.9' N 20° 54.8' E	Fl.R. period 2s fl. 0.3s, ec. 1.7s	23 7	3	Metal framework, gallery and metal column, red band; 19.	Fl.G. 3s 3M marks SE. mole head.
				*	*		18/04
15653 -Breakwater, head. <i>E 4222.5</i>		37° 26.6' N 24° 25.7' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	26 8	3	Metal framework, gallery and column.	
				*			18/04
*17337 Fenerbahce, W. breakwater, head. <i>E 4909.4</i>		40° 58.4' N 29° 02.1' E	Fl.(2)G. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s		6		
							18/04
*17337.5 -E. breakwater, head. <i>E 4909.6</i>		40° 58.4' N 29° 02.1' E	Fl.(2)R. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s		6		
							18/04
*17338 -Marina, W. breakwater, head. <i>E 4909</i>		40° 58.6' N 29° 02.1' E	Fl.G. period 10s fl. 1s, ec. 9s		3		
							18/04
*17339 -E. breakwater, head. <i>E 4909.2</i>		40° 58.6' N 29° 02.2' E	Fl.R. period 10s fl. 1s, ec. 9s		3		
							18/04
22744 -Puerto do Nador, de Beni Enzar, head. <i>E 6757.6</i>		35° 17.1' N 2° 55.2' W	Fl.R. period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	26 8	10	Gray round tower.	Q.R. marks corner of Pier A and Fl.R. 1.5s marks corner of Pier B close SSW.
				*	*		
							18/04
22748 -Mole No. 1. <i>E 6764</i>		35° 17.5' N 2° 55.8' W	Fl.(2)G. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	3	Green round tower; 16.	
				*	*		
							18/04
22752 -Ore dock, head. <i>E 6768</i>		35° 17.4' N 2° 56.0' W	Fl.(2+1)R. period 12s	26 8	3	Red round tower, green band; 16.	
				*	*		
							18/04

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## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22756 <i>E 6772</i>	-Inner basin, E. jetty, head.	35° 17.5' N 2° 56.2' W	Fl.(4)G. period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	1	Green round tower; 16.	Traffic signals. Storm signals. Fl.(3)G, 9s 3M marks SE corner of mole.
			*	*	*		18/04
22760 <i>E 6774</i>	-W. jetty, head.	35° 17.5' N 2° 56.1' W	Fl.(4)R. period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	1	Metal post; 13.	
			*	*			18/04

### SUMMARY OF CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28 <i>A 0030</i>	Wolf Rock.	49° 56.7' N 5° 48.6' W	Fl.W. period 15s fl. 0.2s, ec. 14.8s	112 34	16	Gray round granite tower, black lantern; 135. Helicopter platform.	Nautophone: 1 bl. ev. 30s (bl. 1s, si. 29s).
RACON			T(-)		10		
			*	*	*	*	*
1660 <i>A 2332</i>	NEWARP LIGHTSHIP.						Remove from list.
							*
1760 <i>A 2351</i>	INNER DOWSING LIGHTSHIP.						Remove from list.
							*
1992 <i>A 2596</i>	-Whitby High.	54° 28.6' N 0° 34.0' W	Fl.W.R. period 5s fl. 0.8s, ec. 4.2s	240 73	W. 18 R. 16	White octagonal tower; 43. R. 128°-143°, W.-319°.	
			*				12/04
6436 <i>A 5778</i>	Mine Head.	51° 59.6' N 7° 35.2' W	Fl.(4)W. period 20s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 12.4s	285 87	20	White tower, black band; 69.	Visible 228°-052°.
			*	*	*		12/04
7600 <i>A 6408</i>	Inishtearagh Island.	52° 04.5' N 10° 39.7' W	Fl.(2)W. period 20s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 14.9s	275 84	19	White tower; 56.	Visible 318°-221°.
RACON			O(---)		18		Azimuth coverage 133°-041°.
			*	*	*		*
							12/04

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## SECTION II

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*5518 N. breakwater. C 2405.55		55° 31.4' N 12° 53.4' E	F.R.	11 4	4		18/04
*5518.1 -S. breakwater. C 2405.56		55° 31.3' N 12° 53.4' E	F.G.	11 4	4		18/04
8740 -Norra Masklubbshallan, S. C 6802 side of channel.		58° 40.1' N 17° 16.8' E	Q.W.R.G.	10 3	W. 12 R. 10 G. 8	White structure, red band. Floodlit.	G. 138°-275°30', W.-279°, 296°.
		*			*	*	*
*9134 Stora Hastskar. C 6485		59° 15.5' N 18° 53.8' E	Fl.(3)W.R.G. period 9s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 4.2s		W. 7 R. 5 G. 4		R. 238°30'-242°, G.-248°30', W.-250°, R.-256°, G.-268°30'.
9196 Mysingeholm. C 6619		59° 00.2' N 18° 15.5' E	Iso.W.R.G. period 4s	26 8	W. 7 R. 5 G. 4	White tower, red roof; 21.	G. 005°-043°12', G. (intensified)- 044°30', W. (intensified)- 046°30', R. (intensified)- 049°42', R.-084°, G.-118°, R.- 164°, G.-186°, W.-200°, R.- 204°30', G.-210°, W.-211°, R.-223°.
		*			*	*	*
12664 -Roomassaare Range, front. C 3622.1		58° 12.8' N 22° 30.3' E	Oc.W.R.G. period 4s lt. 1s, ec. 3s	46 14	W. 7 R. 4 G. 2	Red framework tower, black rectangular daymark, white stripe; 39.	W. 276°30'-006°30', Obsc.- 015°, G.-024°, W.-030°, R.- 039°. Shown Apr. 20 to Dec. 15.
		*	*	*	*	*	*
*12664.1 --Rear, 722 meters 321°30' from front. C 3622.1		58° 13.1' N 22° 29.9' E	Oc.W. period 4s lt. 1s, ec. 3s	108 33	10	Framework tower, black rectangular daymark, white stripe; 98.	Visible on range line only. Shown Apr. 20 to Dec. 15.
							18/04

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### PUBLICATIONS AFFECTED BY NOTICE TO MARINERS THROUGH NM 18/04

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
<b>NGA HYDRO CATALOG CATP2V01U</b>								
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17, 18/04	SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,52/03;5,9, 12,14,15/04	SDPUB175	2001	41*,43,45,51/01,8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15/04	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03
Region 3	2002	1/03*	SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39,44,48/03	SDPUB181	2002	38*,39/02
Region 4	2002	1*,23,43/03	SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12, 16/04	SDPUB182	2001	8*,10,12,41/02; 17/03
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14/04	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25,26, 31,32,34,37,42, 43/03	SDPUB183	2001	27/01*;13,15,16/02; 18/03
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11/04	SDPUB141	2001	21*,38/01	SDPUB193	2000	27*,38,49,09/02,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04
Region 7	2002	1*,11,15,28/03	SDPUB142	2000	49,00*/3,31,35/01; 1,15,43/02	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03;1, 12/04
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB147	2001	35/01*;21,22,23, 24/02;39,40,41,46, 50/03;10,12,15/04	SDPUB200	2002	38*,39,42/02;22,27, 34,41,51,52/03
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15/04	SDPUB148	2001	48/01*;23,24/02;22, 42,43,45,48,50, 52/03;5,13,14/04	<b>USCG LIGHT LIST VOLUMES I - VII</b>		
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7,9, 10,11,13,14,16,17, 18/04	SDPUB153	2000	6/01*;28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39,40, 43/03	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40,41, 42,43,44,45,48,50, 52/03;3,4,6,7,8,9,10, 12,14,15,16,17, 18/04
<b>NGA LIST OF LIGHTS</b>								
LLPUB110	2004	10*,14,15/04	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16/04	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18/04
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43,45,47, 49,50,51,52/03;1,2, 3,4,7,8,9,10,11,12, 13,14,15,17,18/04	SDPUB155	2001	31*,48/01;10,45, 46/02	COMDTM165023	2003	17*,18,19,20,21,22, 23,24,25,26,28,29,31, 32,33,34,35,36,37, 38,39,41,43,44,45, 46,47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18/04
LLPUB112	2004	7*,9,10,11,12,14,15, 16,17,18/04	SDPUB159	2002	42*,48/02;10,13, 15/04	COMDTM165023	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18/04
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18/04	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39,41,43, 48,49,51/03;1,2,5,6, 11/04	COMDTM165024	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18/04
LLPUB114	2004	18/04*	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10,14/04	COMDTM165024	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18/04
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13,14,15,16, 17/04	SDPUB162	2001	51/01*,5,12/03;	COMDTM165025	2002	16/02*
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,47,48,49, 50,51/03;1,2,3,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18/04	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16/04	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18/04
<b>SAILING DIRECTIONS</b>								
CDPUBSD125	2003	19*,43,49,51,52/03	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17/04	COMDTM165027	2003	18*,20,21,22,23,24, 26,27,28,30,31,32, 33,34,35,36,37,38, 39,40,43,44,46,47, 48,49,50,52/03;1,2, 6,9,13,14,15,17/04
CDPUBSD127	2003	39/03*	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,39,50,51/03; 13,16,17/04	FLEET GUIDES		
CDPUBSD131	2002	9/03*	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02; 30,39,40,41,43/03; 6/04	CDPUBFGPAC	2004	N17/04*
CDPUBSD132	2003	6/04*				FGPUB940ATL	2001	N47/01*
CDPUBSD143	2003	46/03*				<b>NOS MISCELLANEOUS PUBLICATIONS</b>		
CDPUBSD145	2003	51/03*				NOSPBCATALOG1	2000	20/00*
CDPUBSD146	2002	4/03*				NOSPBCATALOG2	2000	34/00*
CDPUBSD157	2003	17/03*				NOSPBCATALOG3	2000	28/00*
CDPUBSD158	2003	24/03*				NOSPBCATALOG4	2000	34/00*
CDPUBSD164	2003	16/04*						
CDPUBSD191	2003	52/03*						
CDPUBSD192	2003	32*,36,38,39,40,41, 42,43/03						
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39,40/03						

## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 18/04

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	
			NOSPBTWCSTNSA4	2004	N1/04*	
<b>ALMANACS</b>			<b>TIDAL CURRENT TABLES</b>			
AIRALMANAC401	2004	29/03*	NOSPBTCTATCSTN4	2004	N1/04*	
NAUTALMANAC04	2004	29/03*	NOSPBTCTPACAS4	2004	N1/04*	
<b>COAST PILOT</b>						
NOSPBCP1	34	18/04*				
NOSPBCP2	33	5*,6,9/04				
NOSPBCP3	37	14*,18/04				
NOSPBCP4	35	34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12/04				
NOSPBCP5	31	51*,52/03;1,7,8,9, 10,12,13,15,17, 18/04				
NOSPBCP6	34	13*,18/04				
NOSPBCP7	36	18/04*				
NOSPBCP8	25	32*,33,34,39,42,48, 51/03;1,7,8,10,17, 18/04				
NOSPBCP9	21	30*,32,33,36,39,42, 48,51/03;8,18/04				
<b>RADIO NAVIGATIONAL AIDS</b>						
RAPUB117	2002	50/02*;13/03				
<b>AMERICAN PRACTICAL NAVIGATOR</b>						
NVPUB9	2002	36/02*;14,38/03				
<b>INTERNATIONAL CODE OF SIGNALS</b>						
CDPUBNV102	2003	20/03*				
<b>WORLD PORT INDEX</b>						
NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03				
<b>DISTANCES BETWEEN PORTS</b>						
NVPUB151	2001	4/02*				
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b>						
CDPUBNV1310	2001	51/01*				
<b>SIGHT REDUCTION TABLES (MARINE)</b>						
SRPUB229V1	1970	11/71*				
SRPUB229V2	1970	11/71*				
SRPUB229V3	1970	7/71*				
SRPUB229V4	1970	3/71*				
SRPUB229V5	1970	3/71*				
SRPUB229V6	1970	23/70*				
<b>SIGHT REDUCTION TABLES (AIR)</b>						
SRPUB249V1	2000	4/01*				
SRPUB249V2	1952	46/52*				
SRPUB249V3	1952	46/52*				
<b>CHART NO. 1</b>						
WOBZC1	1997	18/98*				
<b>CHART NO. 4</b>						
WOBZC4	1988	N23/91*				
<b>ATLAS OF PILOT CHARTS</b>						
NVPUB106	2002	42/03*				
NVPUB107	1998	30/99*				
NVPUB109	2001	49/02*				
<b>USCG NAVIGATION RULES</b>						
COMDTM166722D	1999	44/99*;52/00;16/04				
<b>NOS TIDE TABLES</b>						
NOSPBTTCWPACIN4	2004	N1/04*				
NOSPBTTECSTNSA4	2004	N1/04*				
NOSPBTTEURAFR4	2004	N1/04*				

## SECTION III

NM 18/04

### BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

#### NAVAREA IV

Messages in force 151200Z April 2004:

2003 series 108(26,27)	387(GEN) 2004 series	57(GEN) 79(26)	111(GEN) 114(11,26)	115(GEN) 119(11)	123(GEN)
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The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03.  
Warnings issued during the subsequent quarter are issued in NM 13/04.

#### NAVAREA IV WARNINGS issued from 081200Z to 151200Z April 2004.

114/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
  - A. 0400Z TO 0359Z COMMENCING DAILY  
12 THRU 18 APR IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-34N 080-33W.
  - B. 0400Z TO 0359Z COMMENCING DAILY  
12 THRU 18 APR IN AREA BETWEEN  
29-10N 29-20N AND 079-40W 079-50W.
  - C. 1900Z TO 0359Z COMMENCING DAILY  
13 THRU 15 APR AND 0400Z TO 0500Z  
DAILY 14 THRU 16 APR IN AREA BETWEEN  
29-40N 29-50N AND 080-40W 080-30W.
2. CANCEL THIS MSG 190459Z APR.

(091205Z APR 2004)

115/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 101000Z APR 2004, ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 79(26), 108(11,26), 111(GEN), 112(11), 114(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL NAVAREA IV 109/04.

(101010Z APR 2004)

116/04 thru 118/04. CANCELED.

119/04(11). SOUTH CAROLINA.

CHART 11496 (9TH ED).  
CHARLESTON LIGHT 32-45.5N 079-50.6W UNLIT.

(121415Z APR 2004)

120/04 thru 122/04. CANCELED.

123/04(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 160045Z TO 160209Z APR, ALTERNATE 170045Z TO 170209Z APR IN AREAS BOUND BY:
  - A. 28-30N 080-35W, 28-32N 080-31W,  
28-26N 079-54W, 28-23N 079-54W,  
28-24N 080-29W, 28-26N 080-35W.
  - B. 28-34N 080-28W, 28-33N 080-20W,  
28-22N 080-21W, 28-23N 080-29W.
  - C. 28-38N 079-27W, 28-30N 078-09W,  
28-05N 078-11W, 28-12N 079-30W.
  - D. 28-16N 072-45W, 28-02N 071-14W,  
27-22N 068-11W, 26-37N 068-18W,  
26-59N 071-25W, 27-14N 072-56W.
  - E. 27-12N 064-49W, 26-26N 061-08W,  
24-58N 061-28W, 25-45N 065-08W.
2. CANCEL THIS MSG 170309Z APR.

(130940Z APR 2004)

### SECTION III HYDROLANTS

Messages in force 151200Z April 2004:

2000 series	1117(37)	2407(54)	309(GEN)	519(51)	607(51)
4265(44)	1242(24)	2408(54)	340(36)	524(53)	611(36)
2001 series	1291(37)	2409(54)	359(51)	526(53)	612(24)
611(44)	1422(53)	2410(54)	360(36,37,44)	527(37)	613(24)
2700(37)	1472(35)	2413(54)	378(35)	535(24)	614(54)
2002 series	1731(35)	2414(54)	399(37)	557(37)	617(35)
245(GEN)	1944(53)	2416(54)	409(26)	567(24)	619(24)
246(GEN)	1999(23)	2418(52)	449(53)	570(53)	620(24)
2848(37)	2175(24)	2419(54)	452(55)	571(53)	621(24)
2003 series	2203(53)	2420(54)	467(23)	574(55)	622(24)
41(37)	2297(24)	2004 series	473(57)	577(GEN)	626(24)
67(37)	2374(35)	164(53)	478(51)	588(54,56)	627(54)
544(55)	2384(23,24)	169(51,52)	480(22)	593(56)	
604(26,27)	2399(24)	224(24)	505(52,53)	594(24)	
738(35)	2406(54)	272(24)	516(51,52)	596(GEN)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.  
Warnings issued during the subsequent quarter are issued in NM 13/04.

#### **HYDROLANT WARNINGS issued from 081200Z to 151200Z April 2004.**

588/04(54,56). EASTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0430Z TO 1300Z DAILY  
13 THRU 15 APR IN AREA BOUND BY  
31-52.0N 034-15.0E, 32-02.0N 033-58.0E,  
32-07.0N 033-20.0E, 31-55.0N 033-20.0E,  
31-38.0N 033-10.0E, 31-21.3N 033-42.5E,  
31-22.1N 033-45.5E.
2. CANCEL THIS MSG 151400Z APR.

(081220Z APR 2004)

589/04 thru 592/04. CANCELED.

593/04(56). EASTERN MEDITERRANEAN SEA. LIBYA.

1. VESSEL, 39 PERSONS ON BOARD, ADRIFT VICINITY 120 MILES NORTH OF MISRATAH (32-22N 015-05E). VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME, TELEX: 4361 1172, PHONE: 3906 5908 4527, FAX: 390 6592 2737.
2. CANCEL HYDROLANT 591/04.

(090950Z APR 2004)

594/04(24). BRAZIL-NORTH COAST.

VESSEL JESUS DE PARUARA, THREE PERSONS ON BOARD, UNREPORTED. LAST KNOWN POSITION 01-17.6S 048-29.7W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(091235Z APR 2004)

595/04. CANCELED.

596/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 101100Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 359(51), 360(36,37,44), 378(35), 399(37), 409(26), 413(54), 449(53), 452(55), 453(24), 467(23), 473(57), 478(51), 480(22), 505(52,53), 513(56), 516(51,52), 519(51), 524(53), 525(53), 526(53), 527(37), 535(24), 539(37), 557(37), 567(24), 568(53), 569(52,53), 570(53), 571(53), 572(53,54), 574(55), 575(55), 577(GEN), 580(52), 582(37), 584(24), 585(24), 586(24), 587(24), 588(54,56), 592(54), 593(56), 594(24), 595(24).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL HYDROLANT 326/04, 500/04, 551/04, 552/04.

(101140Z APR 2004)

597/04 thru 606/04. CANCELED.

607/04(51). NORTH ATLANTIC.

DISTRESS SIGNAL RECEIVED ON 121.5 AND 406.0 MHZ WITHIN TEN MILES OF 20-08.5N 037-21.9W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC DELGADA.

(120650Z APR 2004)

608/04 thru 610/04. CANCELED.

611/04(36). IRISH SEA.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE BY CABLESHIP ATLANTIC GUARDIAN VICINITY  
53-54N 004-01W. WIDE BERTH REQUESTED.

(121915Z APR 2004)

612/04(24). BRAZIL-EAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 180300Z APR  
BY M/V FALCON EXPLORER TOWING SIX 80 METER  
LONG CABLES IN AREA BOUND BY  
22-15S 040-15W, 22-20S 040-18W,  
22-26S 040-09W, 22-20S 040-08W.  
TWO MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 453/04.
3. CANCEL THIS MSG 180400Z APR.

(131040Z APR 2004)

613/04(24). BRAZIL-SOUTHEAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 160300Z APR  
BY M/V OCEAN EXPLORER TOWING 6000 METER  
LONG CABLE IN AREA BOUND BY  
22-15S 040-14W, 22-20S 040-18W,  
22-26S 040-09W, 22-20S 040-07W.  
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 160400Z APR.

(131440Z APR 2004)

614/04(54). AEGEAN SEA.

CABLE OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE BY CABLESHIP PERTINACIA  
IN AREA BOUND BY  
39-47.6N 025-33.0E, 39-31.2N 025-20.7E.  
38-18.0N 025-23.2E, 39-04.0N 025-39.2E,  
39-22.4N 025-46.2E.  
1000 METER BERTH REQUESTED.

(131545Z APR 2004)

615/04 and 616/04. CANCELED.

617/04(35). SCOTLAND-WEST COAST.

- CHART 35265 (3RD ED).
1. SKERRYVORE LIGHT 56-19.4N 007-06.8W AT REDUCED INTENSITY.
  2. CANCEL HYDROLANT 615/04(37), AID RESTORED.

(132315Z APR 2004)

618/04. CANCELED.

619/04(24). BRAZIL-SOUTHEAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 200259Z APR  
BY M/V POLAR BJORN TOWING 50 METER  
LONG CABLE IN AREA BOUND BY  
20-41.4S 039-57.6W, 20-54.5S 039-22.6W,  
21-45.1S 039-41.6W, 21-31.4S 040-17.1W.  
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 200359Z APR.

(140845Z APR 2004)

620/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 16 APR BY  
M/V RAMFORM VIKING TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BETWEEN  
13-09S 13-45S AND 038-56W 038-31W.  
FOUR MILE BERTH REQUESTED.
3. CANCEL THIS MSG 17 APR.

(140850Z APR 2004)

621/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 16 APR BY  
M/V VERITAS VIKING TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BETWEEN  
15-42S 15-08S AND 038-48W 037-47W.  
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 17 APR.

(140905Z APR 2004)

### **SECTION III**

**NM 18/04**

622/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 16 APR  
BY M/V TROPICALIENTE TOWING TWO 20 METER  
LONG CABLES AND M/V BULLDOG TOWING  
TWO 15 METER LONG CABLES IN AREA BOUND BY  
13-47.3S 038-57.1W, 13-49.6S 038-52.3W,  
13-50.0S 038-52.4W, 13-47.7S 038-57.3W.  
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 17 APR.

(140910Z APR 2004)

623/04 thru 625/04. CANCELED.

626/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 170259Z APR  
BY M/V CGG HARMATTAN TOWING SIX 6000 METER  
LONG CABLES IN AREA BOUND BY  
21-15S 040-00W, 20-30S 039-40W,  
20-30S 039-55W, 21-15S 040-15W.  
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 170359Z APR.

(150720Z APR 2004)

627/04(54). IONIAN SEA. GUNNERY.

1. GUNNERY EXERCISES 200700Z TO 201900Z APR  
WITHIN 15 MILES OF 36-13N 018-50E.
2. CANCEL THIS MSG 202000Z APR.

(150940Z APR 2004)

**SECTION III****NAVAREA XII**

Messages in force 151200Z April 2004:

2003 series	2004 series	112(19)	125(GEN)	135(16)
262(GEN)	70(GEN)	124(19,81)	131(GEN)	136(18)

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarter are issued in NM 13/04.

**NAVAREA XII WARNINGS issued from 081200Z to 151200Z April 2004.**

131/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 101000Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 112(19), 124(19,81), 125(GEN), 130(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL NAVAREA XII 120/04.

(101020Z APR 2004)

132/04 thru 134/04. CANCELED.

135/04(16). ALASKA. GUNNERY.

1. GUNNERY EXERCISES 152100Z TO 160400Z APR WITHIN SIX MILES OF 56-30N 166-00W.
2. CANCEL THIS MSG 160500Z APR.

(150020Z APR 2004)

136/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:  
 A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL  
 B. 33-52N 119-06W. TO THE SHORELINE.  
 C. 33-29N 119-07W. N. 34-24N 120-30W.  
 D. 33-29N 118-37W. O. 34-08N 120-26W.  
 E. 33-20N 118-37W. P. 34-08N 119-40W.  
 F. 32-11N 120-16W. Q. 34-00N 119-40W.  
 G. 31-54N 121-35W. R. 34-06N 119-13W.  
 H. 35-09N 123-39W. S. 34-06N 119-11W.  
 I. 35-29N 123-00W. T. 34-07N 119-10W.  
 J. 35-04N 122-43W. U. 34-07N 119-07W.  
 K. 35-57N 121-32W. V. 34-04N 119-04W.  
 L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 130/04.

(151020Z APR 2004)

## SECTION III

### HYDROPACS

Messages in force 151200Z April 2004:

2001 series	1198(92)	352(63)	523(63)	589(81)	647(62)
1976(62)	1330(62)	387(22)	527(71,93)	592(61)	654(71,93)
2002 series	1395(62)	394(83)	530(61)	593(61)	655(71,93)
205(GEN)	1699(63)	402(62)	534(29)	600(62)	656(63)
206(GEN)	1700(62)	403(62)	537(76)	604(76)	657(63)
403(72,73)	1911(62)	426(74)	545(74)	610(19,81)	658(63)
2330(62)	1982(GEN)	438(93)	552(76)	614(63)	659(63)
2003 series	2004(73,74)	453(61)	558(94,95)	617(63)	660(22)
167(95)	2265(62)	455(73)	559(94,95)	620(63)	661(93)
207(62)	2275(22)	460(94)	560(95)	622(GEN)	665(22)
495(62)	2004 series	464(63)	561(95)	623(76)	671(71,93)
496(62)	23(62)	465(63)	562(94,95)	624(82)	673(63)
506(62)	277(63)	466(63)	563(94,95)	629(81,92)	674(72,74)
638(62)	278(63)	485(81)	564(71)	630(76)	675(95)
760(63)	302(62)	487(76)	572(83)	633(63)	676(81)
761(63)	307(61)	493(63)	573(74)	634(63)	
993(62)	308(61)	494(61)	583(61,63)	635(63)	
998(71)	329(71)	495(61)	587(63,71)	643(22)	
1041(71)	331(GEN)	509(63)	588(63)	645(GEN)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.  
Warnings issued during the subsequent quarter are issued in NM 13/04.

#### HYDROPAC WARNINGS issued from 081200Z to 151200Z April 2004.

632/04. CANCELED.

633/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 13 AND 16 APR  
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,  
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 161630Z APR.

(081346Z APR 2004)

634/04(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1700Z DAILY  
14 AND 15 APR WITHIN 75 MILES OF  
08-31.9N 076-52.1E.
2. CANCEL THIS MSG 151800Z APR.//

(081405Z APR 2004)

635/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 09 THRU 30 APR BY  
M/V TEKNIK PERDANA TOWING 1500 METER  
LONG CABLE IN AREA BOUND BY  
20-44.2N 067-03.9E, 20-46.0N 067-06.8E,  
20-43.3N 067-08.7E, 20-25.6N 067-05.9E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 MAY.

(081430Z APR 2004)

636/04 thru 642/04. CANCELED.

643/04(22). SOUTH PACIFIC.

M/V RIGO, BLUE HULL, THREE PERSONS ON BOARD,  
ADRIFT DUE TO ENGINE FAILURE IN 19-45S 074-16W.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
ANY COASTAL RADIO STATION.

(092259Z APR 2004)

644/04. CANCELED.

645/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 101100Z APR 2004. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 387(22), 394(83), 402(62), 403(62), 426(74),  
438(93), 453(61), 455(73), 460(94), 464(63), 465(63),  
466(63), 485(81), 487(76), 493(63), 494(61), 495(61),  
509(63), 523(63), 527(71,93), 530(61), 534(29), 537(76),  
545(74), 548(63), 552(76), 558(94,95), 559(94,95), 560(95),

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- 561(95), 562(94.95), 563(94.95), 564(71), 572(83), 573(74),  
583(61.63), 587(63.71), 588(63), 589(81), 592(61), 593(61),  
600(62), 604(76), 609(61), 610(19.81), 614(63), 617(63),  
620(63), 622(GEN), 623(76), 624(82), 625(62), 626(95),  
627(63), 628(63), 629(81.92), 630(76), 633(63), 634(63),  
635(63), 641(63), 643(22), 641(63), 643(22).  
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE  
AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.  
3. CANCEL HYDROPAC 380/04, 603/04.

(101150Z APR 2004)

646/04. CANCELED.

647/04(62). PERSIAN GULF. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0300Z TO 1500Z DAILY  
11 THRU 15 APR IN AREA BOUND BY  
24-43N 51-45E, 24-49N 52-16E,  
24-58N 52-16E, 24-53N 51-45E.  
2. CANCEL THIS MSG 151600Z APR.

(101430Z APR 2004)

648/04 thru 653/04. CANCELED.

654/04(71.93). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 MAY  
BY M/V GECO EMERALD TOWING 3.3 MILE  
LONG CABLE IN AREA BOUND BY  
10-10N 107-55E, 10-10N 108-10E,  
09-35N 107-50E, 09-35N 107-40E.  
2. CANCEL THIS MSG 21 MAY.

(120030Z APR 2004)

655/04(71.93). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 MAY  
BY M/V GECO EMERALD TOWING 3.3 MILE  
LONG CABLE IN AREA BOUND BY  
10-10N 107-55E, 10-10N 108-10E,  
09-35N 107-50E, 09-35N 107-40E.  
2. CANCEL HYDROPAC 648/04(63) AND 654/04.  
3. CANCEL THIS MSG 21 MAY.

(120840Z APR 2004)

656/04(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 150230Z TO 150530Z AND  
151230Z TO 151430Z APR IN AREA BOUND BY  
17-42.2N 083-18.6E, 17-42.1N 083-29.9E,  
17-36.7N 083-28.5E, 17-32.7N 083-24.3E.  
2. CANCEL THIS MSG 151530Z APR.

(121305Z APR 2004)

657/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY  
13 THRU 21 APR IN AREA BETWEEN  
15-13N 15-11N AND 073-57E 073-52E.  
2. CANCEL THIS MSG 211330Z APR.

(121320Z APR 2004)

658/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY  
15 THRU 21 APR IN AREA BETWEEN  
14-11.0N 13-51.0N AND 074-27.8E 074-04.5E.  
2. CANCEL THIS MSG 211230Z APR.

(121325Z APR 2004)

659/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 JUN BY  
M/V GECO EAGLE TOWING EIGHT 40 METER LONG  
CABLES IN AREA BOUND BY  
19-58.5N 070-48.0E, 19-14.0N 070-47.0E,  
19-20.0N 070-01.0E, 19-47.5N 070-24.0E.  
WIDE BERTH REQUESTED.  
2. CANCEL THIS MSG 16 JUN.

(121330Z APR 2004)

660/04(22). EASTERN PACIFIC.

- DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 03-36.7S 102-28.4W.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO RCC ALAMEDA,  
TELEX: 2301 72343, PHONE: 510 437 3701.

(122254Z APR 2004)

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NM 18/04

661/04(93). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 14-37N 111-10E  
AT 122236Z APR. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MRCC HONG KONG, TELEX: 80282952.

(130142Z APR 2004)

662/04 thru 664/04. CANCELED.

665/04(22). CHILE. GUNNERY.

1. GUNNERY EXERCISES 160800Z TO 161100Z AND  
162200Z TO 170200Z APR IN AREA BETWEEN  
32-47S 32-56S AND 071-40W 071-50W.  
2. CANCEL THIS MSG 170300Z APR.

(130920Z APR 2004)

666/04 thru 670/04. CANCELED.

671/04(71,93). SOUTH CHINA SEA.

MAN OVERBOARD FROM M/V ZEPHYR 1 VICINITY OF TRACKLINE  
BETWEEN 06-58.6N 107-09.4E AT 132030Z APR AND  
06-58.6N 107-06.8E AT 132100Z APR. VESSELS IN VICINITY  
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO SINGAPORE PORT OPERATION CONTROL CENTER.

(140650Z APR 2004)

672/04. CANCELED.

673/04(63). BAY OF BENGAL.

M/V GENIUS STAR-VI SUNK IN 19-18N 089-34E.  
TWO PERSONS MISSING. VESSELS IN VICINITY  
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST  
IF POSSIBLE. REPORTS TO MRCC CHENNAI, TELEX: 416063,  
PHONE: 9144 2539 5017, FAX: 9144 2539 5018.

(141820Z APR 2004)

674/04(72,74). INDIAN OCEAN. MISSILES.

1. HAZARDOUS OPERATIONS 160100Z TO 161000Z APR  
IN AREA BOUND BY  
12-10S 111-40E, 10-40S 111-00E, 10-40S 114-30E,  
11-30S 114-45E, 11-30S 114-55E, 14-00S 114-55E.  
2. CANCEL THIS MSG 161100Z APR.

(150620Z APR 2004)

675/04(95). SEA OF JAPAN.

DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY  
40-23N 132-50E AT 150145Z APR. VESSELS IN  
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT.  
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(150650Z APR 2004)

676/04(81). NORTH PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 1700Z TO 0200Z COMMENCING  
DAILY 20 THRU 24 APR IN AREA BOUND BY  
15-00N 178-05E, 11-30N 179-05E, 10-17N 179-00E,  
10-13N 178-34E, 14-56N 177-44E.  
2. CANCEL THIS MSG 250300Z APR.

(150950Z APR 2004)

### MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 15 April 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

**SECTION III**

**SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 15 April 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

**MARINE INFORMATION****NEW EDITION OF COAST PILOT**

U.S. Coast Pilot 1, Atlantic Coast; Eastport, ME to Cape Cod, MA, Thirty-Fourth Edition, 2004, is ready for issue and may be obtained from:

Federal Aviation Administration  
National Aeronautical Charting Office  
Distribution Division, AVN-530  
6303 Ivy Lane, Suite 400  
Greenbelt, MD 20770-1479

and authorized sales agents of the National Ocean Service. Price \$26.00.

The 2004 Edition cancels the preceding 2003 Edition.

All corrections to the previous edition issued in Notice to Mariners are incorporated in this edition.

Mariners are encouraged to use the convenient "RECORD OF CHANGES" form on Page V of this book. All Coast Pilot changes published in the U.S. Coast Guard Local Notice to Mariners, National Geospatial-Intelligence Agency Notice to Mariners, and on the Internet at <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>/ are serially numbered (i.e., Change No. 1, Change No. 2, etc.) to assist you in tracking the changes.

**NEW EDITION OF COAST PILOT**

U.S. Coast Pilot 7, California, Oregon, Washington, Hawaii and Pacific Islands, Thirty-Sixth Edition, 2004, is ready for issue and may be obtained from:

Federal Aviation Administration  
National Aeronautical Charting Office  
Distribution Division, AVN-530  
6303 Ivy Lane, Suite 400  
Greenbelt, MD 20770-1479

and authorized sales agents of the National Ocean Service. Price \$26.00.

The 2004 Edition cancels the preceding 2003 Edition.

All corrections to the previous edition issued in Notice to Mariners are incorporated in this edition.

Mariners are encouraged to use the convenient "RECORD OF CHANGES" form on Page VI of this book. All Coast Pilot changes published in the U.S. Coast Guard Local Notice to Mariners, National Geospatial-Intelligence Agency Notice to Mariners, and on the Internet at <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>/ are serially numbered (i.e., Change No. 1, Change No. 2, etc.) to assist you in tracking the changes.

**NEW EDITION OF LIST OF LIGHTS**

Pub. 114, 2004 Edition, List of Lights, Radio Aids and Fog Signals for the British Isles, English Channel and North Sea, is ready for issue.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 21 February 2004, including Notice to Mariners No. 8 of 2004.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 18 of 2004, are contained in Section II of this Notice.

In the interval between new editions, corrective information affecting this publication will be published in the Notice to Mariners and must be applied in order to keep this publication current.

Note: Copies of the above publication may be obtained from the Government Printing Office (GPO).

## SECTION III

## NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand Chart distributed by OceanGrafix ([www.OceanGrafix.com](http://www.OceanGrafix.com)), and
- the Traditional NOAA/NOS paper Chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand Chart is available the day after NOAA clears a New Edition for release. The Traditional Chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions contact NOAA at [help@nauticalcharts.gov](mailto:help@nauticalcharts.gov) or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below:

11332	29 <sup>th</sup> Ed. Apr 2004 NEW EDITION LA-TX-SABINE BANK (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
11355	26 <sup>th</sup> Ed. Apr 2004 NEW EDITION LA-IWW-CATAHOULA BAY TO WAX LAKE OUTLET including the HOUma NAVIGATION CANAL INSET-Houma Navigation Canal (New edition due to reconstruction and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:40,000 1:25,000
13235	6 <sup>th</sup> Ed. Apr 2004 NEW EDITION MA-WOODS HOLE (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:5,000
16435	6 <sup>th</sup> Ed. Mar 2004 NEW EDITION AK-ALEUTIAN ISLANDS-SEMICHI ISLANDS-ALAID AND NIZKI ISLANDS (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:40,000
16516	7 <sup>th</sup> Ed. Apr 2004 NEW EDITION AK-ALEUTIAN ISLANDS-CHERNOFSKI HARBOR-UNALASKA ISLAND (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:10,000
17303	10 <sup>th</sup> Ed. Apr 2004 NEW EDITION AK-YACOBI ISLAND AND LISIANSKI INLET INSETS- Lisianski Inlet Pelican Harbor (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:40,000 1:40,000 1:10,000

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

## MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_

Email address \_\_\_\_\_

Date of Observation \_\_\_\_\_ Time of Observation (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary) \_\_\_\_\_

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User Feedback (continue on additional sheets as necessary)

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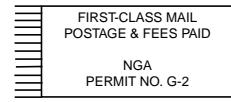
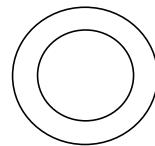
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**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer \_\_\_\_\_

Ship/Organization \_\_\_\_\_

Phone \_\_\_\_\_ Email Address\_\_\_\_\_

Describe Hazard (e.g. dredge, buoy, current meter, operations): \_\_\_\_\_

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Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): \_\_\_\_\_

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Date of Insertion \_\_\_\_\_ Date of Removal \_\_\_\_\_

If observed, Date \_\_\_\_\_ Time (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_

Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary): \_\_\_\_\_

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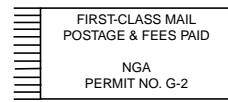
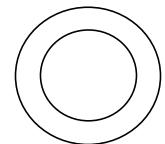
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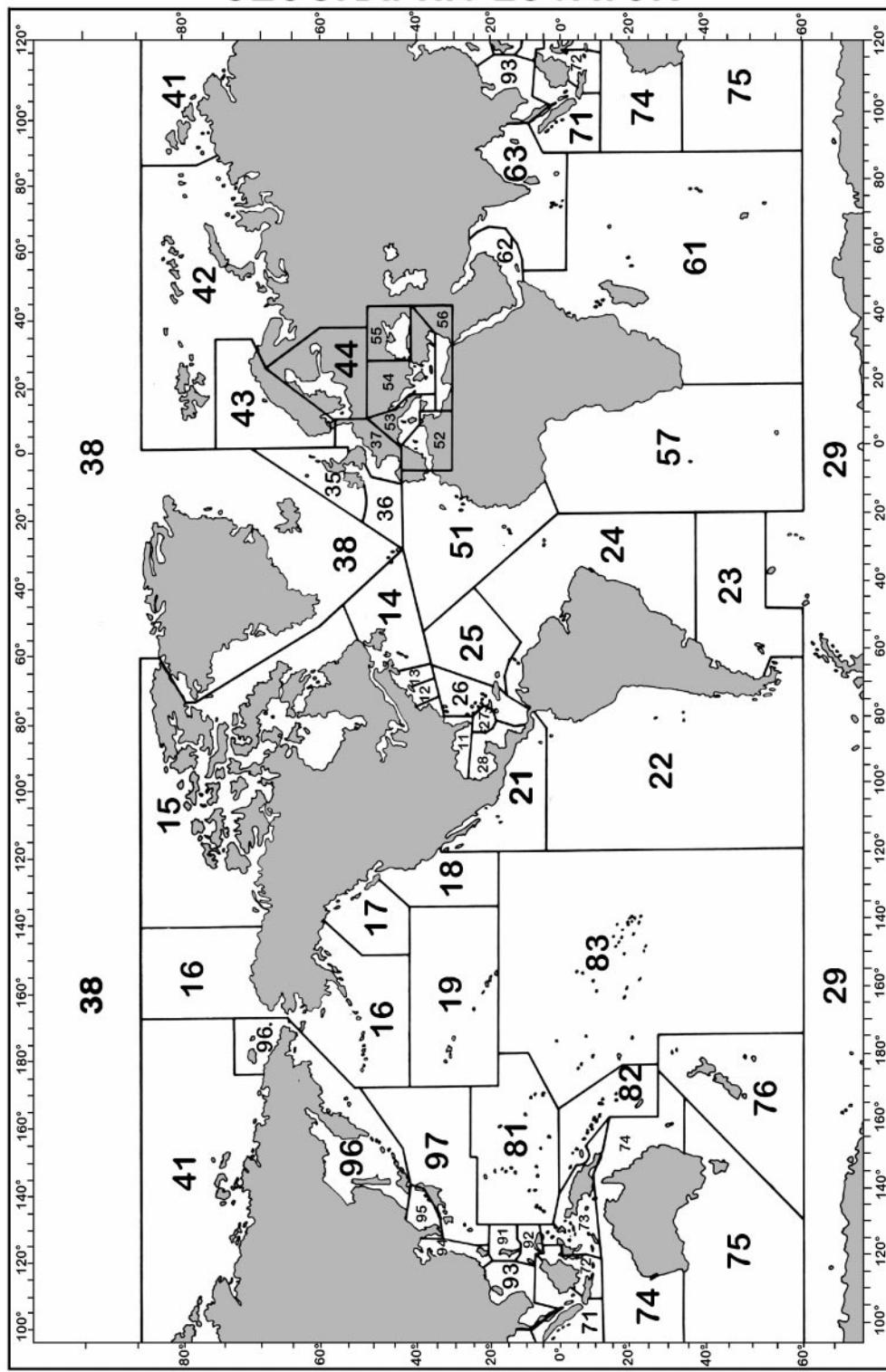
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## GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

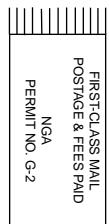
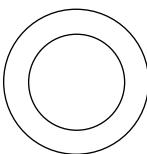
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY  
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT  
NAVIGATIONAL INFORMATION  
TIME-DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**